BD-C6900

Blu-ray Disc Player

user manual

imagine the possibilities

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To receive a more complete service,
please register your product at

www.samsung.com/register

SAMSUNG

Key features

Blu-ray Disc Features

Blu-ray Discs support the highest quality HD video available in the industry - Large capacity means no compromise on video quality. Furthermore, a Blu-ray Disc has the same familiar size and look as a DVD.

The following Blu-ray Disc features are disc dependant and will vary.
Appearance and navigation of features will also vary from disc to disc.
Not all discs will have the features described below.

Video highlights

The BD-ROM format supports three highly advanced video codecs, including AVC, VC-1 and MPEG-2.

HD video resolutions are also available:

- 1920 x 1080 High Definition
- 1280 x 720 High Definition

For High-Definition Playback

To view high-definition contents on a Blu-ray Disc, an HDTV (High Definition Television) is required. Some Blu-ray Discs may require you to use the product's HDMI OUT to view high-definition content. The ability to view high-definition content on Blu-ray Discs may be limited depending on the resolution of your TV.

Interactivity

Certain Blu-ray Discs may contain Animated menus and Trivia games.

User Browsable Slideshows

With Blu-ray Discs, you can browse through still pictures while audio plays in the background.

Subtitles

Depending on what is contained on the Blu-ray Disc, you may be able to select different font styles, sizes and colours for the subtitles. Subtitles may also be animated, scrolled or faded in and out.

BD-LIVE

You can use a Blu-ray Disc supporting BD-LIVE to download contents provided by the disc manufacturer through a network connection.

Blu-ray Disc Player Features

Internet@TV

You can download various for-a-fee or free-of-charge applications through a network connection.

With these, you can access Internet services and content such as news, weather forecasts, stock market quotes, games, movies and music.

3D

This product can play 3D contents through an HDMI cable.

To implement the 3D effect, connect a 3D device (3D-compliant AV receiver, 3D-compliant TV) to the product using an HDMI cable, and play the 3D content while wearing 3D vision glasses.

Safety Information

Warning

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.	**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

Blu-ray Disc Player USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE Blu-ray Disc Player CORRECTLY AS INSTRUCTED.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

This product satisfies CE regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug. If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.

To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

The product unit accompanying this user manual is licensed under certain intellectual property rights of certain third parties. This licence is limited to private non-commercial use by end-user consumers for licensed contents.

No rights are granted for commercial use.

The licence does not cover any product unit other than this product unit and the licence does not extend to any unlicensed product unit or process conforming to ISO/IEC 11172-3 or ISO/IEC 13818-3 used or sold in combination with this product unit. The licence only covers the use of this product unit to encode and/or decode audio files conforming to the ISO/IEC 11172-3 or ISO/IEC 13818-3. No rights are granted under this licence for product features or functions that do not conform to the ISO/IEC 11172-3 or ISO/IEC 13818-3.

Safety Information

Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

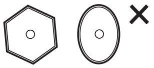
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Disc Storage & Management

Disc Handling

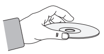
Disc Shape

- Use discs with regular shapes. If an irregular disc (a disc with a special shape) is used, this product may be damaged.



Holding discs

- Avoid touching the surface of a disc where recording is performed.



Blu-ray Discs

- If the product is not used for a long period of time, remove the Blu-ray Disc from the product and store it in its case.
- Be careful not to leave fingerprints or scratches on the surface of the Blu-ray Disc.

DVD-VIDEO, Audio CD (CD-DA)

- Wipe off dirt or contamination on the disc with a soft cloth.

Disc Storage

Be careful not to damage the disc because the data on these discs is highly vulnerable to the environment.

- Do not keep under direct sunlight.
- Keep in a cool ventilated area.
- Store vertically.
- Keep in a clean protection jacket.
- If you move your product suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, wait for two hours before connecting the plug to the power outlet.
  Then insert the disc and try to play back again.

Handling Cautions

- Do not write on the printed side with a ball-point pen or pencil.
- Do not use record cleaning or antistatic sprays. Also, do not use volatile chemicals, such as benzene or thinner.
- Do not apply labels or stickers to discs. (Do not use discs fixed with exposed tape adhesive or leftover peeled-off stickers.)
- Do not use scratch-proof protectors or covers.
- Do not use discs printed with label printers available on the market.
- Do not load warped or cracked discs.
- Before connecting other components to this product, be sure to turn them all off.
- Do not move the product while a disc is being played as the disc may be scratched or broken, or the product's internal parts may be damaged.
- Do not put a flower vase filled with water or any small metal objects on the product.
- Be careful not to put your hand into the disc tray.
- Do not place anything other than the disc in the disc tray.
- Exterior interferences such as lightning and static electricity can affect the normal operation of this product. If this occurs, turn the product off and on again with the **POWER** button, or disconnect and then reconnect the AC power cord to the AC power outlet. The product will operate normally.
- Be sure to remove the disc and turn off the product after use.
- Disconnect the AC power cord from the AC outlet when you don't intend to use the product for long periods of time.
- To clean a disc, wipe it in a straight line from the inside to the outside of the disc.

- Do not expose the product to any liquid.
- When the AC plug is connected to a wall outlet, the product will still draw power (standby mode) when it is turned off.
- Apparatus must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
- The main plug is used as a disconnect device and shall stay readily operable at any time.

Maintenance of Cabinet

For safety reasons, be sure to disconnect the AC power cord from the AC outlet before cleaning.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft, dry cloth.

Restrictions on Playback

- This product may not respond to all operating commands because some Blu-ray, DVD and CD discs allow specific or limited operation and features during playback.
  Please note that this is not a defect in the product.
- Samsung cannot assure that this product will play every disc bearing the Blu-ray Disc, DVD or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, CD software and/or the manufacture of discs.
  Please contact the SAMSUNG customer care centre if you have questions or encounter difficulty in playing Blu-ray, DVD, or CD discs in this product. Also, refer to rest of this user manual for additional information on playback restrictions.

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Getting Started

Before Using the user manual

Disc Types and Contents that can be played.

Term	Logo	Icon	Definition
BD-ROM		BD-ROM	This involves a function available on a BD-ROM.
BD-RE/-R		BD-RE/-R	This involves a function available on a BD-RE/-R disc recorded in the BD-RE format.
DVD-VIDEO		DVD-VIDEO	This involves a function available on a DVD-VIDEO.
DVD-RW(V)		DVD±RW/±R	This involves a function available on recorded DVD+RW or DVD-RW(V)/DVD-R/+R discs that have been recorded and finalized.
DVD-R			
DVD+RW			
DVD+R			
Audio CD		Audio CD	This involves a function available on an audio CD-RW/-R (CD-DA format).
MP3 WMA	-	MP3/WMA	This involves a function available in a CD-RW/-R, DVD-RW/-R disc or a USB storage media containing MP3 or WMA contents.
JPEG	-	JPEG	This involves a function available in a CD-RW/-R, DVD-RW/-R disc or a USB storage media containing JPEG contents.
DivX MKV MP4	-	DivX/MKV/MP4	This involves a function available in a CD-RW/-R, DVD-RW/-R disc or a USB storage media containing DivX, MKV, MP4 contents.

✎ **NOTE**

- The product may not play certain CD-RW/-R and DVD-R due to the disc type or recording conditions.
- If a DVD-RW/-R disc has not been recorded properly in DVD video format, it will not be playable.

Disc types that cannot be played

- HD DVD
- DVD-ROM/PD/MV-Disc, etc
- DVD-RAM
- Super Audio CD (except CD layer)
- DVD-RW(VR mode)
- CVD/CD-ROM/CDV/CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- 3.9 GB DVD-R Disc for Authoring.

✎ NOTE

- Some commercial discs and DVD discs purchased outside your region may not be playable with this product. When these discs are played, either "This disc can not be played." or "Cannot read this disc. Please check the regional code of the disc." will be displayed.
- Playback may not work for some types of discs, or when specific operations, such as angle change and aspect ratio adjustment, are being performed. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- Do not allow the disc to become dirty or scratched. Fingerprints, dirt, dust, scratches or deposits of cigarette smoke on the recording surface may make it impossible to use the disc for playback.
- When a BD-J title is played, loading may take longer than a normal title, or some functions may perform slowly.
- This product may not respond to all operating commands because some Blu-ray, DVD and CD discs allow specific or limited operation and features during playback.
  Please note that this is not a defect in the product.
- Samsung cannot assure that this product will play every disc bearing the Blu-ray Disc, DVD or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, CD software and/or the manufacture of discs. Please contact the SAMSUNG customer care centre if you have questions or encounter difficulty when playing Blu-ray, DVD, or CD discs in this product. Also, refer to rest of this user manual for additional information on playback restrictions.

Blu-ray Disc Compatibility

Blu-ray Disc is a new and evolving format. Accordingly, disc compatibility issues are possible. Not all discs are compatible and not every disc will play back. For additional information, refer to the Compliance and Compatibility Notice section of this user manual.

Disc Types

BD-ROM

This Blu-ray disc can only be played back.
This product can play back pre-recorded commercial BD-ROM discs.

BD-RE/-R

This Blu-ray disc can be recorded and played back.
This product can play back a BD-RE/-R disc recorded by other compatible Blu-ray disc recorders.

DVD-VIDEO

- This product can play back pre-recorded commercial DVD discs (DVD-VIDEO discs) with movies.
- When switching from the first layer to the second layer of a dual-layered DVD-VIDEO disc, there may be momentary distortion in the image and sound. This is not a malfunction of the product.

DVD-RW

This product can play back a DVD-RW disc recorded and finalized with a DVD video recorder. Ability to play back may depend on recording conditions.

DVD-R

This product can play back a DVD-R disc recorded and finalized with a DVD Video recorder. Ability to play back may depend on recording conditions.

DVD+RW

- This product can play back a DVD+RW disc recorded with a DVD Video recorder. Ability to play back may depend on recording conditions.

Getting Started

DVD+R

- This product can play back a DVD+R disc recorded and finalized with a DVD Video recorder. Ability to play back may depend on recording conditions.

Audio CD (CD-DA)

- This product can play back CD-DA format audio CD-RW/-R discs.
- The product may not be able to play some CD-RW/-R discs due to the condition of the recording.

CD-RW/-R

- Use a 700MB (80 minute) CD-RW/-R disc. If possible, do not use a 800MB (90 minute) or above disc, as the disc may not play back.
- If the CD-RW/-R disc was not recorded as a closed session, you may experience delays when playing back the beginning of the disc or all recorded files may not play.
- Some CD-RW/-R discs may not be playable with this product, depending on the device which was used to burn them. For contents recorded on CD-RW/-R media from CDs for your personal use, playability may vary depending on contents and discs.

Supported File Formats

Video File Support

File Extension	Container	Video Codec	Audio Codec	Resolution
*.avi	AVI	Divx 3.11/4.x/5.1/6.0	MP3 AC3 DTS WMA PCM	1920x1080
		XviD		1920x1080
		MP4v3		1920x1080
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP(wmv1)	MP3 AC3 DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		XviD		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 AC3 DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	Compliant with WMA version 10 * Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit-rates in the range 5kbps to 384kbps

AVCHD (Advanced Video Codec High Definition)

- This product can playback AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format is capable of compressing images at higher efficiency than that of the conventional image compressing format.
- Some AVCHD discs use the “x.v.Color” format.
- This product can playback AVCHD discs using “x.v.Color” format.
- “x.v.Color” is a trademark of Sony Corporation.
- “AVCHD” and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co.,Ltd. and Sony Corporation.

✎ NOTE

- Some AVCHD format discs may not play, depending on the recording condition.
  AVCHD format discs need to be finalized.
- “x.v.Color” offers a wider colour range than normal DVD camcorder discs.
- Some DivX, MKV and MP4 format discs may not play, depending on the video resolution and frame rate condition.

Region Code

Both the product and the discs are coded by region. These regional codes must match in order to play the disc. If the codes do not match, the disc will not play.
The Region Number for this product is described on the rear panel of the product.

Disc Type	Region Code	Area
Blu-ray	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
	B	Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
	C	India, China, Russia, Central and South Asia.
DVD-VIDEO	1	The U.S., U.S. territories and Canada
	2	Europe, Japan, the Middle East, Egypt, South Africa, Greenland
	3	Taiwan, Korea, the Philippines, Indonesia, Hong Kong
	4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
	5	Russia, Eastern Europe, India, most of Africa, North Korea, Mongolia
	6	China

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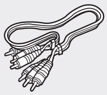
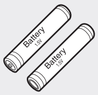
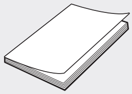
Getting Started

Logos of Discs that can be played

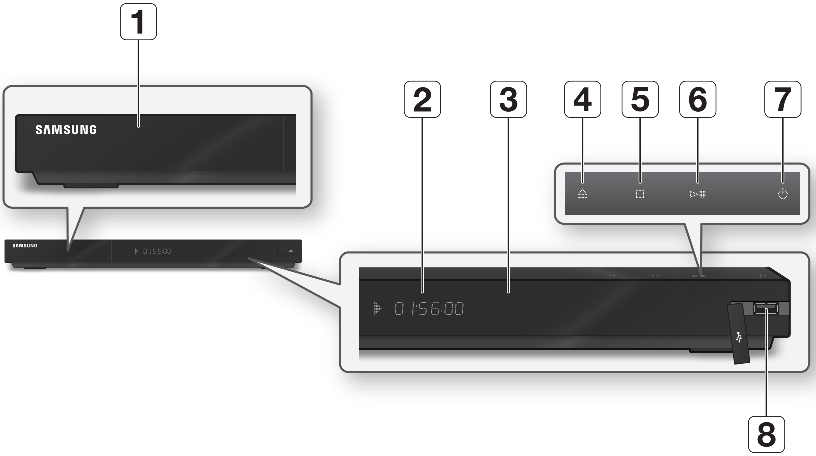
Blu-ray Disc	3D Blu-ray Disc	DTS-HD Master Audio	DivX
BD-LIVE	Dolby TrueHD	PAL broadcast System in U.K., France, Germany, etc.	Java

Accessories

Check for the supplied accessories below.

		
Audio/Video cable	Batteries for Remote Control (AAA Size)	
		
Wireless LAN Adapter	User Manual	Remote Control

Front Panel



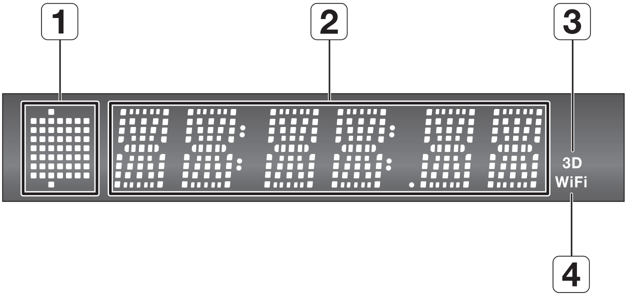
1	DISC TRAY	Opens to accept a disc.
2	DISPLAY	Displays the playing status, time, etc.
3	REMOTE CONTROL SENSOR	Detects signals from the remote control.
4	OPEN/CLOSE BUTTON	Opens and closes the disc tray.
5	STOP BUTTON	Stops disc playback.
6	PLAY/PAUSE BUTTON	Plays a disc or pauses playback.
7	POWER BUTTON	Turns the product on and off.
8	USB HOST	A USB memory flash stick can be connected here and used as storage when connected to BD-LIVE. It can also be used for software upgrades and MP3/JPEG/DivX/MKV/MP4 playback. The Wireless LAN Adapter (WIS09ABGN) can be connected here to use the Wireless network.

✎ NOTE

- Software upgrades using the USB Host jack must be performed with a USB memory flash stick only.
- A USB device consuming more than 500mA requires a separate power supply device for normal operation.
- A USB HDD device cannot be used for BD Data storage (BD-LIVE).

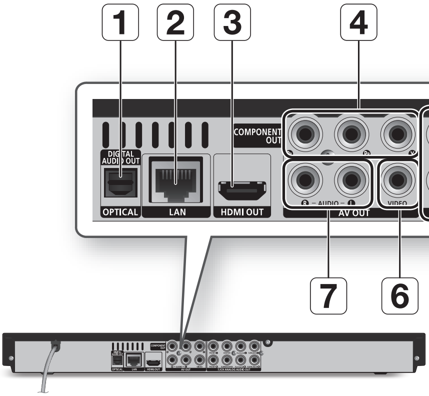
Getting Started

Front Panel Display



1	IN DISC INDICATOR	Lights when a disc is inserted or played back.
2	CURRENT TIME AND STATUS INDICATOR	Displays the play time and the current status.
3	3D DISC INDICATOR	Lights when 3D disc is inserted or played back.
4	WIFI INDICATOR	Lights when the wireless network is connected.

Rear Panel



1	DIGITAL AUDIO OUT (OPTICAL)	Connects to a Receiver.
2	LAN	Can be used for network based services (See pages 53~58), BD-LIVE and software upgrades using a network connection.
3	HDMI OUT	Using an HDMI cable, connect this HDMI output terminal to the HDMI input terminal on your TV for the best quality picture or to your Receiver for the best quality sound.
4	COMPONENT OUT	Connects to equipment having component video input.
5	7.1CH ANALOG AUDIO OUT	Connect to a 7.1CH analogue input on an A/V amplifier. (When connecting to a 5.1CH home theatre or receiver, connect all the Analogue Audio output jacks from this product except for the Surround Back Left/Surround Back Right outputs)
6	VIDEO OUT	Connects to the input of external equipment using a video cable.
7	AUDIO OUT	Connects to the audio input of external equipment using audio cables.

Remote Control

Tour of the Remote Control

Turn the product on and off.

To open and close the disc tray.

Press this to use Bonusview function.

Press numeric buttons to operate options.

Press this to switch the Blu-ray Disc/DVD's subtitle language.

Press to skip backwards or forwards.

Press to stop a disc.

Press to enter the disc menu.

Press this to move to the home menu.

Press this to use Tools menu.

Return to the previous menu.

Press this to link to various Internet@TV services.

Press this to see the full screen on a TV.

TV volume adjustment.

Mutes the speakers of your TV.

Turn the TV on and off.
(To operate your TV, please refer to page 19)

After setup, allows you to set the input source on your TV.

Use this to access various audio functions on a disc (Blu-ray Disc/DVD).

Press to search a disc backwards or forwards.

Press to pause a disc.

Press to play a disc.

Use this to enter the popup menu/title menu.

Use this to display the playback information during playing a Blu-ray/DVD disc.

Select menu items and change menu value.

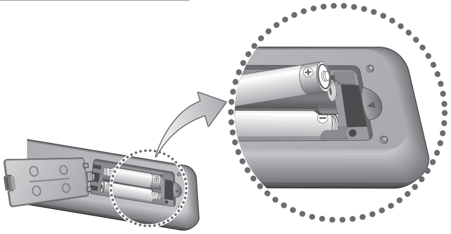
Press this to exit the menu.

These buttons are used both for menus on the product and also several Blu-ray Disc functions.

Allows you to repeat a title, chapter, track or disc.

Use this to select a TV program.

Installing batteries



✎ NOTE

- If the remote does not operate properly :
  - Check the polarity +/– of the batteries.
  - Check if the batteries are drained.
  - Check if the remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

! CAUTION

- The rechargeable battery incorportabed in this product is not user replaceable. For the information on its replacement, go to your service provider.

Setting the Remote Control

You can control certain functions of your TV with this remote control.

Button	Function
TV POWER	Used to switch the television on and off.
TV SOURCE	Used to select an external source connected to the TV.
TV VOL (+/–)	Used to adjust the volume of the television.
TV CH (∧/∨)	Used to select the desired channel.
TV MUTE	Used to toggle the sound on and off.

✎ NOTE

- The functions listed above will not necessarily work on all televisions. If you encounter problems, operate the television directly or using the TV's remote.

To determine whether your television is compatible, follow the instructions below.

1. Switch your television on.
2. Point the remote control towards the television.
3. Press and hold the **TV POWER** button and enter the two-figure code from the table on the right corresponding to the brand of your television by pressing the appropriate number buttons.
   If your television is compatible with the remote control, it will switch off.
   It is now programmed to operate with the remote control.

✎ NOTE

- If several codes are listed for your television brand, try each one in turn until you find one that works.
- If you replace the remote control's batteries, you must set the brand code again.

Controllable TV Codes

Brand	Code
SAMSUNG	TV POWER+01, +02, +03, +04, +05, +06, +07, +08, +09
AIWA	TV POWER+82
ANAM	TV POWER+10, +11, +12, +13, +14, +15, +16, +17, +18
BANG & OLUFSEN	TV POWER+57
BLAUPUNKT	TV POWER+71
BRANDT	TV POWER+73
BRIONVEGA	TV POWER+57
CGE	TV POWER+52
CONTINENTAL EDISON	TV POWER+75
DAEWOO	TV POWER+19, +20, +23, +24, +25, +26, +27, +28, +29, +30, +31, +32, +33, +34
EMERSON	TV POWER+64
FERGUSON	TV POWER+73
FINLUX	TV POWER+06, +49, +57
FORMENTI	TV POWER+57
FUJITSU	TV POWER+84
GRADIENTE	TV POWER+70
GRUNDIG	TV POWER+49, +52, +71
HITACHI	TV POWER+60, +72, +73, +75
IMPERIAL	TV POWER+52
JVC	TV POWER+61, +79
LG	TV POWER+06, +19, +20, +21, +22, +78
LOEWE	TV POWER+06, +69
LOEWE OPTA	TV POWER+06, +57
MAGNAVOX	TV POWER+40
METZ	TV POWER+57
MITSUBISHI	TV POWER+06, +48, +62, +65
MIVAR	TV POWER+52, +77
NEC	TV POWER+83
NEWSAN	TV POWER+68

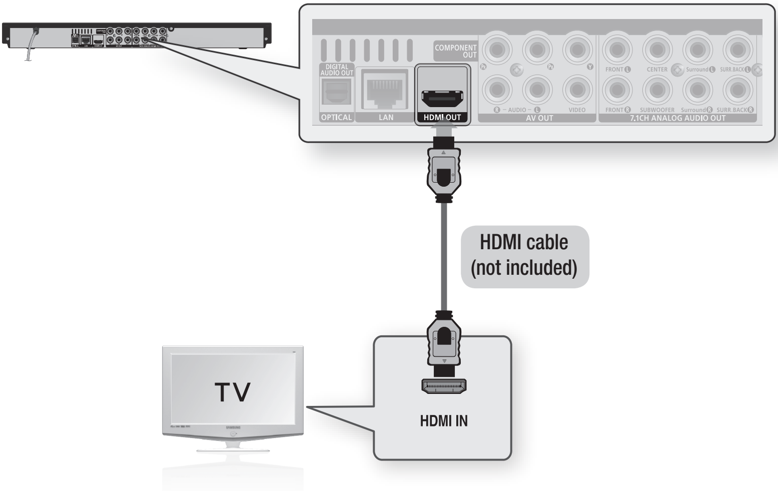
Brand	Code
NOBLEX	TV POWER+66
NOKIA	TV POWER+74
NORDMENDE	TV POWER+72, +73, +75
PANASONIC	TV POWER+53, +54, +74, +75
PHILIPS	TV POWER+06, +55, +56, +57
PHONOLA	TV POWER+06, +56, +57
PIONEER	TV POWER+58, +59, +73, +74
RADIOLA	TV POWER+06, +56
RADIOMARELLI	TV POWER+57
RCA	TV POWER+45, +46
REX	TV POWER+74
SABA	TV POWER+57, +72, +73, +74, +75
SALORA	TV POWER+74
SANYO	TV POWER+41, +42, +43, +44, +48
SCHNEIDER	TV POWER+06
SELECO	TV POWER+74
SHARP	TV POWER+36, +37, +38, +39, +48
SIEMENS	TV POWER+71
SINGER	TV POWER+57
SINUDYNE	TV POWER+57
SONY	TV POWER+35, +48
TELEAVA	TV POWER+73
TELEFUNKEN	TV POWER+67, +73, +75, +76
THOMSON	TV POWER+72, +73, +75
THOMSON ASIA	TV POWER+80, +81
TOSHIBA	TV POWER+47, +48, +49, +50, +51, +52
WEGA	TV POWER+57
YOKO	TV POWER+06
ZENITH	TV POWER+63

Connections

Connecting to a TV

Case 1 : Connecting to a TV with an HDMI Cable - Best Quality (Recommended)

1. Using an HDMI cable, connect the **HDMI OUT** terminal on the rear of the product to the **HDMI IN** terminal of your TV.
2. Turn on the product and TV.
3. Press the input selector on your TV remote control until the HDMI signal from the product appears on your TV screen.
   - If you have set the product's remote control to operate your TV (See page 19), press the **TV SOURCE** button on the remote control and select HDMI as the external source of the TV.

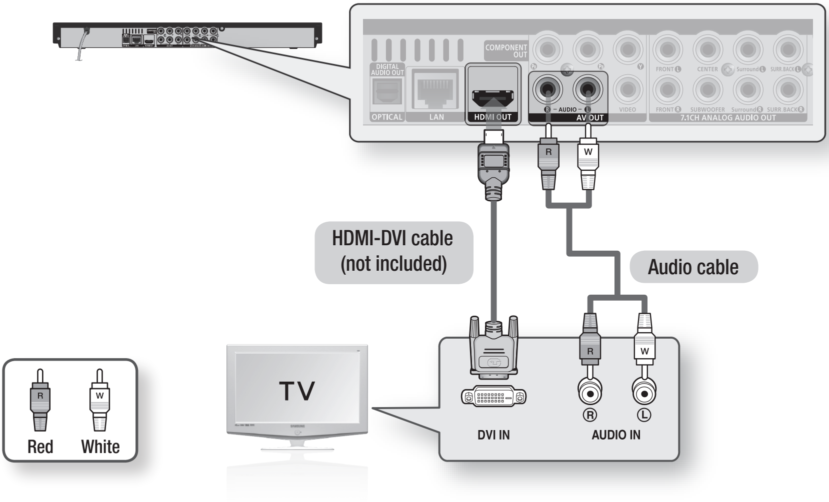


✎ **NOTE**

- An HDMI cable outputs digital video/audio, so you don't need to connect an audio cable.
- If the product is connected to your TV in HDMI 720p,1080i or 1080p output mode, you must use a High speed (category 2) HDMI cable.
- HDMI outputs only a pure digital signal to the TV.
  If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the product to the TV using the HDMI cable for the first time or to a new TV, the product sets the HDMI output resolution to the highest supported by the TV automatically.
- You must have an HDMI connection to enjoy videos with 3D technology.
- A long HDMI cable may cause a screen noise. If this is the case, set Deep Colour to Off in the menu.

Case 2 : Connecting to a TV with a DVI Cable - Best Quality (Recommended)

1. Using an HDMI-DVI cable, connect the **HDMI OUT** terminal on the rear of the product to the **DVI IN** terminal of your TV.
2. Using the audio cables, connect the **AUDIO OUT (red and white)** terminals on the rear of the product to the **AUDIO IN (red and white)** terminals of your TV.
3. Turn on the product and TV.
4. Press the input selector on your TV remote control until the DVI signal from the product appears on your TV screen.
   - If you have set the product's remote control to operate your TV (See page 19), press the **TV SOURCE** button on the remote control and select HDMI as the external source of the TV.



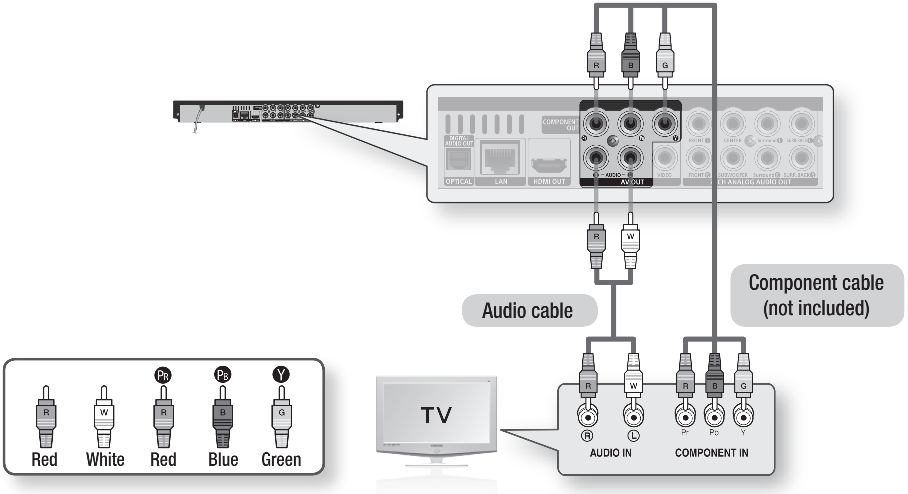
✎ NOTE

- HDMI outputs only a pure digital signal to the TV. If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the product to the TV using the HDMI-DVI cable for the first time or to a new TV, the product sets the HDMI output resolution to the highest supported by the TV automatically.

Case 3 : Connecting to a TV (Component) - Better Quality

- Connecting to your TV using Component video cables.
- You will enjoy high quality images with accurate colour reproduction. Component video separates the picture element into black and white (Y), blue (PB) and red (PR) signals to present clear and clean images. (Audio signals are delivered through the audio output.)

1. Using Component video cables, connect the **COMPONENT VIDEO OUT** terminals on the rear of the product to the **COMPONENT IN** terminals of your TV.
2. Using the audio cables, connect the **AUDIO OUT (red and white)** terminals on the rear of the product to the **AUDIO IN (red and white)** terminals of your TV.
3. Turn on the product and TV.
4. Press the input selector on your TV remote control until the “COMPONENT” signal from the product appears on the TV screen.
   - If you have set the product's remote control to operate your TV (See page 19), press the **TV SOURCE** button on the remote control and select COMPONENT as the external source of the TV.

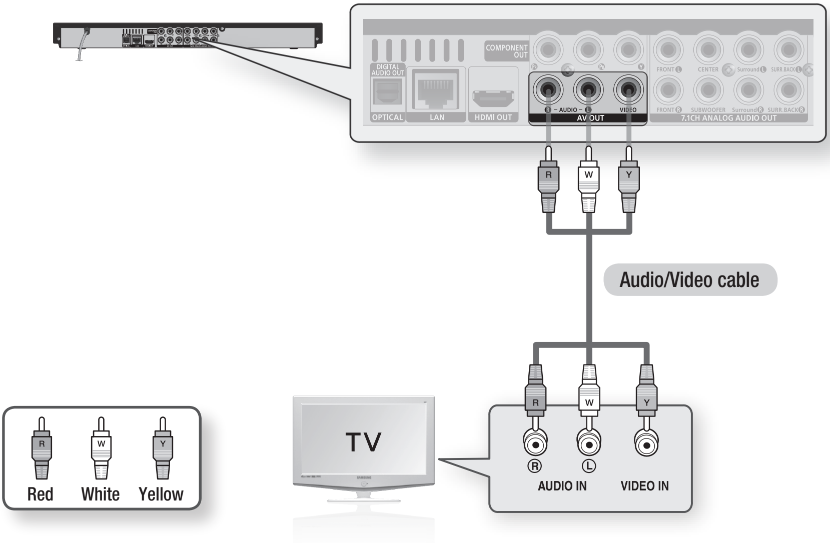


✎ NOTE

- Depending on the manufacturer, the component terminals on your TV may be marked “R-Y, B-Y, Y ” or “Cr, Cb, Y” instead of “PB, PR, Y”. The number and position of the terminals may vary depending on the TV set.
  Please refer to the user manual of your TV.
- You can select from a variety of resolution settings for Blu-ray Discs such as 1080i, 720p, 576p/480p, 576i/480i, depending on the disc type. (See pages 32~33)
- The actual resolution may differ from the setting in the setup menu if both Component and HDMI cables are connected. The resolution may also be different depending on the disc. (See pages 32~33)
- In DVD playback, if both HDMI and Component jacks are connected and you select the Component 1080p, 1080i or 720p mode, the Display Setup menu will show the output resolution as 1080p, 1080i or 720p in the menu.
  The resolution is actually 576i/480i.

Case 4 : Connecting to a TV (Video) - Good Quality

1. Using video/audio cables, connect the **VIDEO OUT (yellow) / AUDIO OUT (red and white)** terminals on the rear of the product to the **VIDEO IN (yellow) / AUDIO IN (red and white)** terminals of your TV.
2. Turn on the product and TV.
3. Press the input selector on your TV remote control until the “VIDEO” signal from the product appears on the TV screen.
   - If you have set the product's remote control to operate your TV (See page 19), press the **TV SOURCE** button on the remote control and select VIDEO as the external source of the TV.



✎ NOTE

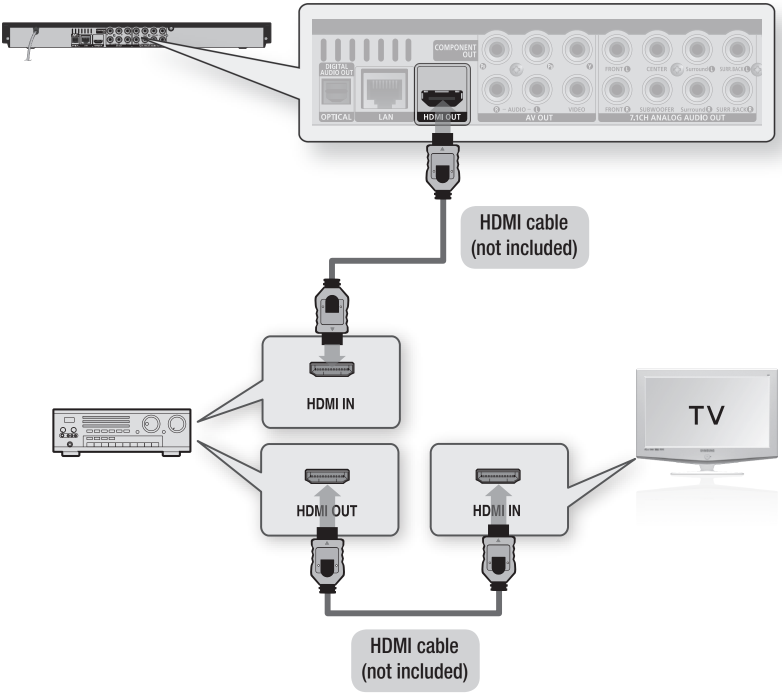
- Noise may be generated if the audio cable is placed too close to the power cable.
- If you want to connect to an Amplifier, please refer to the Amplifier connection pages. (See pages 24~26)
- The number and position of the terminals may vary depending on your TV set. Please refer to the user manual of your TV.
- If there is only one audio input terminal on the TV, connect it to the **AUDIO OUT** (right/white) terminal of the product.

Connecting to an Audio System

- Please turn the volume down when you turn on the Amplifier. A sudden loud sound may cause damage to the speakers and your ears.
- Set the audio output format according to the capabilities of your amplifier. (See pages 34~36)
- The position of HDMI terminals may vary depending on the Amplifier. Please refer to the user manual of your Amplifier.

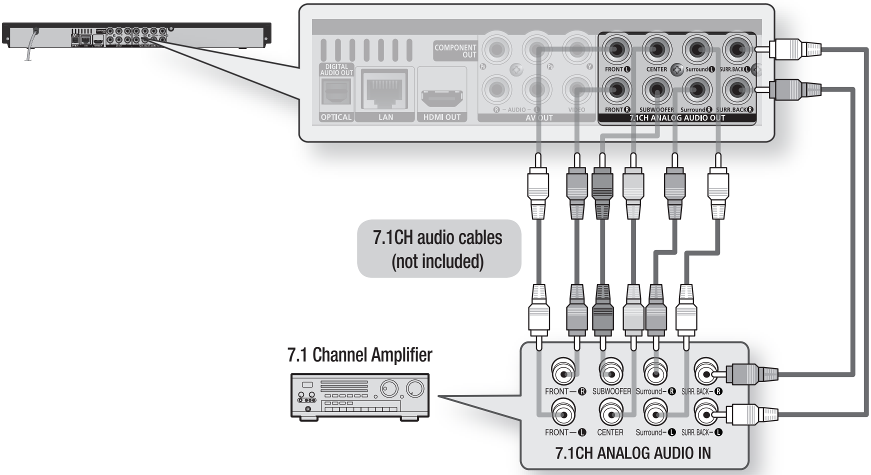
Case 1 : Connecting to an Audio System (HDMI Supported Amplifier) - Best Quality (Recommended)

1. Using an HDMI cable, connect the **HDMI OUT** terminal on the rear of the product to the **HDMI IN** terminal of your amplifier.
2. Using an HDMI cable, connect the **HDMI OUT** terminal of the amplifier to the **HDMI IN** terminal of your TV.
3. Turn on the product, TV and amplifier.
4. Press the input select button of the amplifier to select the external input and hear sound from the product. Refer to your Amplifier's user manual to set the Amplifier's audio input.



Case 2 : Connecting to an Audio System (7.1 Channel Amplifier) - Better Quality

1. Using the 7.1CH audio cables, connect the **7.1CH ANALOG AUDIO OUT** terminals on the rear of the product to the **7.1CH ANALOG AUDIO IN** terminals of your amplifier.
2. Using the video signal cable(s), connect the **HDMI**, **COMPONENT** or **VIDEO OUT** terminals on the rear of the product to the **HDMI**, **COMPONENT** or **VIDEO IN** terminal of your TV. (See pages 20~23)
3. Turn on the Product, TV and amplifier.
4. Press the input select button of the amplifier to select the **external input** and hear sound from the product. Refer to your amplifier's user manual to set the amplifier's audio input.



✎ NOTE

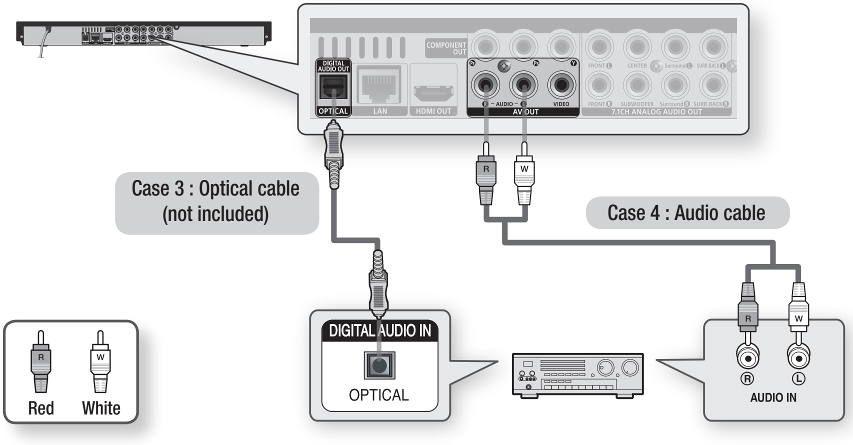
- The front left and right outputs on your product and 7.1 channel amplifier must be connected to hear disc menu audio from certain Blu-ray discs.
- When you connect the **7.1CH ANALOG AUDIO OUT** terminals using 7.1CH audio cables, we recommend you set the Digital Output to PCM. (See page 34)
- When you connect to a 5.1 channel home theatre or receiver, connect all the Analogue Audio output jacks from the product except for the Surround Back Left/Surround Back Right outputs.

Case 3 : Connecting to an Audio System (Dolby Digital, DTS Amplifier) - Better Quality

1. Using an optical cable, connect the **DIGITAL AUDIO OUT (OPTICAL)** terminal on the rear of the product to the **DIGITAL AUDIO IN (OPTICAL)** terminal of your amplifier.
2. Using the video signal cable(s), connect the **HDMI**, **COMPONENT** or **VIDEO OUT** terminals on the rear of the product to the **HDMI**, **COMPONENT** or **VIDEO IN** terminal of your TV. (See pages 20~23)
3. Turn on the product, TV and amplifier.
4. Press the input select button of the amplifier to select the external input and hear sound from the product. Refer to your amplifier's user manual to set the amplifier's audio input.

Case 4 : Connecting to an Audio System (2 Channel Amplifier) - Good Quality

1. Using audio cables, connect the **AUDIO OUT (red and white)** terminals on the rear of the product to the **AUDIO IN (red and white)** terminals of your amplifier.
2. Using the video signal cable(s), connect the **HDMI**, **COMPONENT** or **VIDEO OUT** terminals on the rear of the product to the **HDMI**, **COMPONENT** or **VIDEO IN** terminal of your TV. (See pages 20~23)
3. Turn on the product, TV and amplifier.
4. Press the input select button of the amplifier to select the external input and hear sound from the product. Refer to your amplifier's user manual to set the amplifier's audio input.



✎ **NOTE**

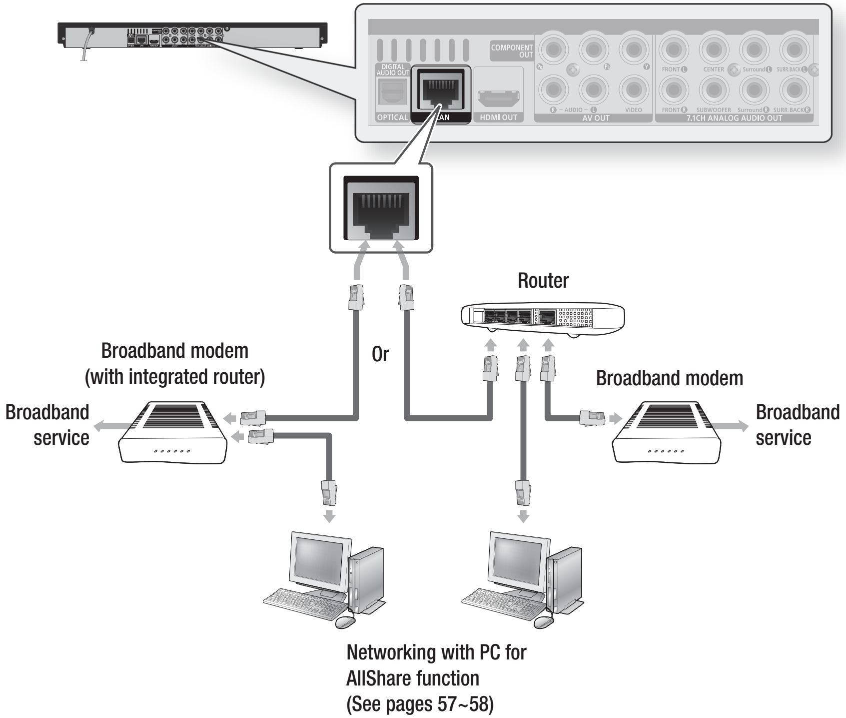
- If you use the Digital Audio connection described in Case 3, you will hear discs with PCM audio soundtracks only through the front two speakers.

Connecting to the Network

This product lets you view network based services (See pages 53~58) such as Internet@TV and BD-LIVE, as well as receive software upgrades through a network connection. We recommend using an AP (Access Point) or IP router for the connection. For more information on router connection, refer to the user manual of the router or contact the router manufacturer for technical assistance.

Cable Network

1. Using the Direct LAN Cable (UTP cable), connect the LAN terminal of the product to the LAN terminal of your modem.
2. Set the network options. (See pages 38~42)



✎ NOTE

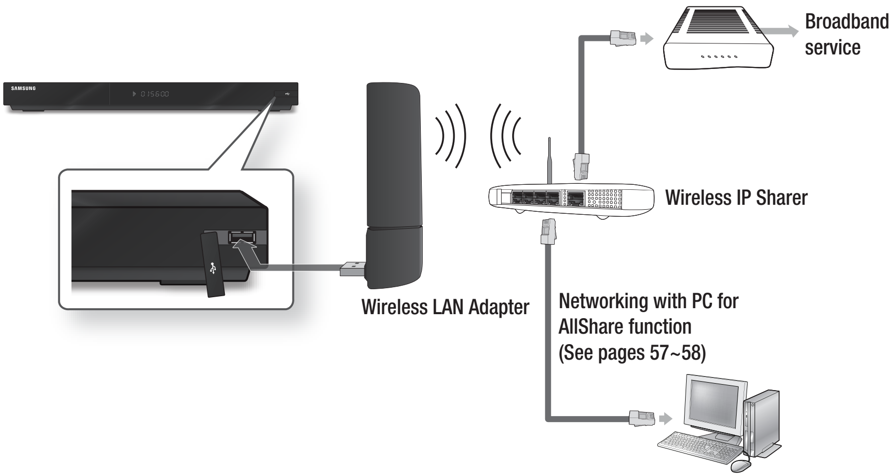
- Internet access to Samsung's software update server may not be allowed, depending on the router you use or the ISP's policy. For more information, contact your ISP (Internet Service Provider).
- For DSL users, please use a router to make a network connection.
- To use the AllShare function, you must connect your PC to your network as shown in the figure.
  The connection can be wired or wireless.

Connections

Wireless Network

You can connect to network with a Wireless IP sharer.

1. A wireless AP/IP router is required to make a wireless network connection.
   Connect the wireless LAN adapter to the **Wireless LAN Adapter** on the front panel of the product.
2. Set the network options. (See pages 38~42)



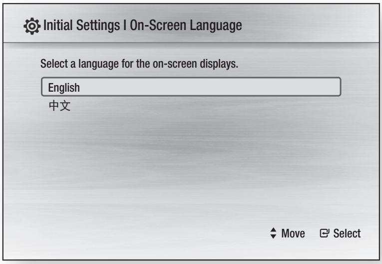
✎ NOTE

- **Use only the Samsung wireless LAN adapter with this product. (Model name: WIS09ABGN).**
  Do not use this adapter with any other third-party products.
  Please contact the retailer of this product for purchasing the wireless LAN adapter.
- You must use a wireless IP sharer that supports IEEE 802.11 a/b/g/n. (n is recommended for stable operation of the wireless network.)
- Wireless LAN, by its nature, may cause interference, depending on the operating conditions.
  (AP performance, distance, obstacles, interference by other radio devices, etc).
- Set the wireless IP sharer to Infrastructure mode. Ad-hoc mode is not supported.
- When applying the security key for the AP (wireless IP sharer), only the following security protocols are supported:
  1) Authentication Mode : WEP, WPAPSK, WPA2PSK
  2) Encryption Type : WEP, AES
- To use the AllShare function, you must connect your PC to your network as shown in the figure.
  The connection can be wired or wireless.

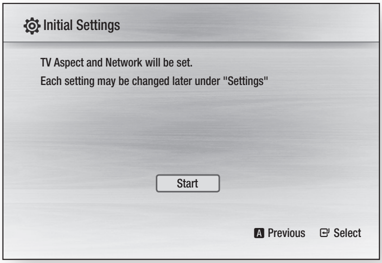
Setup

Before Starting (Initial Settings)

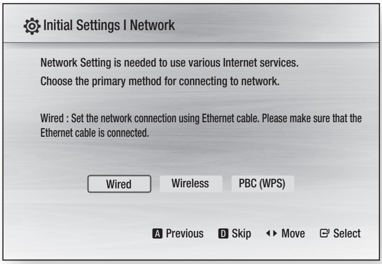
1. Turn on your TV after connecting the product. (When the product is connected to TV for the first time, the product will turn on automatically and display the Initial Settings screen.)



2. Press the ▲▼ buttons to select the desired language, then press the **ENTER** button.
3. Press the **ENTER** button to select **Start**.



4. Press the ▲▼ buttons to select the desired TV aspect ratio, then press the **ENTER** button. (See page 32)



5. Press the ◄► buttons to select the desired Network Settings : **Wired**, **Wireless** or **PBC (WPS)**, and then press the **ENTER** button.
If you do not know your Network Settings, press the **BLUE (D)** button on your remote instead to skip Network Settings here, finish the Initial Settings, and go to the Home menu.
If you selected a Network Setting, go to pages 38~42 for more information about the Network settings. When done, go to Step 6.
6. Press the **OK** button.
The Home menu is displayed. For more information about the Home menu, please see page 30.

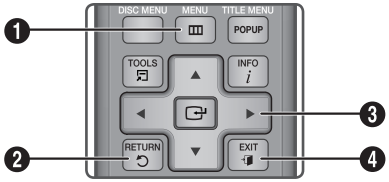
- **Home Menu**

✎ **NOTE**

- When the product is connected to a TV for the first time, product will turn on automatically.
This is not malfunction.
- The Home menu will not appear if you do not configure the initial settings except as noted below.
- If you press the **BLUE (D)** button during the network setup, you can access the Home menu even if the network setup is not completed yet.
- When you return to the Home menu, the full screen mode is cancelled automatically.
- If you want to display the Initial Setting screen again to make changes, press the **STOP** (■) button on the front panel of the product for more than 5 seconds with no disc inserted.

- Use the HDMI cable to connect the product to an **Anynet+(HDMI-CEC)**-compliant Samsung TV.
  If the TV uses a language supported by the product, that language will be set to a preferred language automatically.
  For this to work, the **Anynet+(HDMI-CEC)** feature should be set to **On** in both the TV and the product.
- If the product is left in the stop mode more than 5 minutes without being used, a screen saver appears on your TV. If the product is left in the screen saver mode for more than 25 minutes, the power automatically turns off.

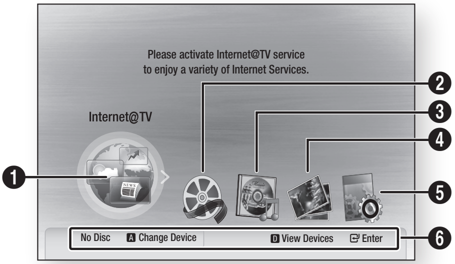
Setting the Menu



1	**MENU** Button : Press this to move to the Home menu.
2	**RETURN** Button : Return to the previous menu.
3	**ENTER / DIRECTION** Button : Move the cursor or select an item. Select the currently selected item. Confirm the setting.
4	**EXIT** Button : Press this to exit the menu.

1. Press the **POWER** button.
   The Home Menu will appear.

- **Home Menu**



1	Selects Internet@TV.
2	Selects Videos.
3	Selects Music.
4	Selects Photos.
5	Selects Settings.
6	Displays the buttons available.

2. Press the ◄► buttons to select **Settings**, then press the **ENTER** button.
3. Press the ▲▼ buttons to select the desired submenu, then press the **ENTER** button.
4. Press the ▲▼ buttons to select the desired item, then press the **ENTER** button.
5. Press the **EXIT** button to exit the menu.

✎ **NOTE**

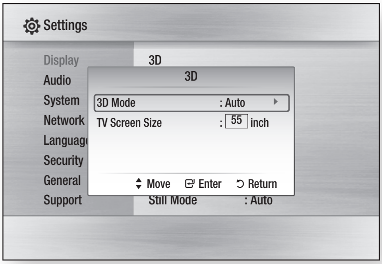
- When the product is connected to the network, select **Internet@TV** from the Home menu. Download desired content from **Samsung Apps**. (See page 56)
- The access steps may differ depending on the selected menu.
- The OSD (On Screen Display) may change in this product after you upgrade the software version.

Display

You can configure various display options such as the TV Aspect, Resolution, etc.

3D

Select whether to play a Blu-ray Disc with 3D contents in 3D Mode.



3D Mode

- **Auto** : The 3D Blu-ray Disc is played in 3D mode if your product detects a TV which supports it. It is played in 2D mode if your product detects a TV which cannot support it.
- **3D** : The 3D Blu-ray Disc is played in 3D mode at all times. If a TV cannot support 3D Blu-ray discs, the playing screen can be black.
- **2D** : The 3D Blu-ray Disc is played in 2D mode at all times. Choose this to view a picture without 3D effect or when a TV cannot support 3D Blu-ray discs.

✎ NOTE

- If you press the **STOP**(■) button once during the 3D disc playback, 3D mode option will not be deactivated.
  To activate 3D mode option during the 3D disc playback, press the **STOP**(■) button twice.
- Depending on the content and its play position, vertical black bars could be seen on left or right or both sides.

TV Screen Size

Lets you enter the actual screen size of your TV so that the product can adjust the image according to the screen size and display an optimal 3D image.
(The maximum allowed screen size is 116 inches for this product.)

! CAUTION

- If you want to enjoy a 3D content, connect a 3D device (3D compliant AV receiver or TV) to the product and wear a 3D glass before playing the 3D content.
- While watching the 3D video, all analogue component and composite signals will be blocked automatically.
- All 3D signals are output only using the HDMI cable and through the HDMI OUT port.
- As the video resolution in 3D play mode is fixed according to the resolution of the original 3D video, you can not change the resolution to your preference.
- Some functions such as BD Wise, or setting the screen size or resolution may not operate properly in 3D play mode.
- You must use a high-speed HDMI cable for a proper output of the 3D signal.
- Stay at least three times of the length of the screen distant from the TV.
  - It is recommended to place the 3D video screen forward at eye level.
- If the product is connected to some 3D devices, the 3D effect may not function properly.
- You can not use this product for switching a 2D content to 3D.

TV Aspect

Depending on the type of television you have, you may want to adjust the screen setting.

• 16:9 Normal	
	Certain movies (4:3 source) are displayed in 4:3 Pillar-box (black bars on sides of picture) if 16:9 normal is selected.
• 16:9 Wide	
	You can view the full 16:9 picture on your widescreen TV.
• 4:3 Letter Box	
	Select when you want to see full 16:9 ratio image supplied by a Blu-ray Disc/DVD, even though you have a TV with a 4:3 ratio screen. Black bars will appear at the top and bottom of the screen.
• 4:3 Pan-Scan	
	Select when you want to see the 16:9 video supplied by the Blu-ray Disc/DVD without the black bars on top and bottom, even though you have a TV with a 4:3 ratio screen. The extreme left and right portion of the movie picture will be cut off.

✎ NOTE

- Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio and option which is different than the aspect ratio of your TV screen, then the picture might appear distorted.
- If you select the 4:3 Pan-Scan or 4:3 Letter Box, the **FULL SCREEN** button on your remote will not work.
- If you select the 16:9 Normal, your TV may display 4:3 Pillar-box.
  In this case, the **FULL SCREEN** button on the remote control will not work.

BD Wise (Samsung Products only)

BD Wise is Samsung's latest inter-connectivity feature.

When you connect Samsung products with BD Wise to a Samsung TV via HDMI, the optimum resolution is set automatically.

- **On** : The original resolution of the BD/DVD disc is output to the TV.
- **Off** : The output resolution is fixed at the resolution previously set, regardless of the resolution of the disc.

✎ NOTE

- If you want to change the resolution in BD Wise, you must set BD Wise to **Off** in advance.
- If you set BD Wise off, the resolution of the connected TV is adjusted to its maximum resolution automatically.
- If the product is connected to a device that does not support BD Wise, you can not use the BD Wise function.
- For proper operation of BD Wise, set the BD Wise menu of both the product and the TV to **On**.

Resolution

Sets the output resolution of the Component and HDMI video signal.

The number in 1080p, 1080i, 720p, 576p/480p, 576i/480i indicates the number of lines of video. The i and p indicate interlace and progressive scan, respectively.

- **Auto** : Automatically checks and sets the optimal resolution.
- **BD Wise** : Automatically sets the optimal resolution when connected via HDMI to a TV with the BD Wise feature. (The BD Wise menu item appears only if BD Wise is set to On.)
- **1080p** : Outputs 1080 lines of progressive video.
- **1080i** : Outputs 1080 lines of interlaced video.
- **720p** : Outputs 720 lines of progressive video.
- **576p/480p** : Outputs 576/480 lines of progressive video.
- **576i/480i** : Outputs 576/480 lines of interlaced video.

Resolution according to the output mode

- **Blu-ray Disc playback**

Setup \ Output	HDMI connected		HDMI not connected	
	HDMI Mode	Component/VIDEO Mode	Component Mode	VIDEO Mode
Auto	Optimal Resolution	576i/480i	-	-
1080p, Movie Frame(24Fs) off	1080p@60F	576i/480i	-	-
1080p/1080i, Movie Frame(24Fs) on	1080p@24F	576i/480i	-	-
1080i, Movie Frame(24Fs) off	1080i	576i/480i	1080i	576i/480i
720p	720p	576i/480i	720p	576i/480i
576p/480p	576p/480p	576i/480i	576p/480p	576i/480i
576i/480i	-	-	576i/480i	576i/480i

- **DVD playback**

Setup \ Output	HDMI connected		HDMI not connected	
	HDMI Mode	Component/VIDEO Mode	Component Mode	VIDEO Mode
Auto	Optimal Resolution	576i/480i	-	-
1080p	1080p@60F	576i/480i	-	-
1080i	1080i	576i/480i	576p/480p	576i/480i
720p	720p	576i/480i	576p/480p	576i/480i
576p/480p	576p/480p	576i/480i	576p/480p	576i/480i
576i/480i	-	-	576i/480i	576i/480i

✎ **NOTE**

- If the connected TV does not support Movie Frame or the selected resolution, the message "If no pictures are shown after the selection, please wait for 15 seconds. And then, the resolution will be reverted to the previous value automatically. Would you like to make a selection?" will be displayed.
  If you select **Yes** and the resolution is not supported, the TV's screen will be blank. Please wait for 15 seconds and the resolution will revert to the previous value automatically.
- If the screen is blank, press and hold the **STOP** (■) button on the front of the product for more than 5 seconds (no disc inserted). All settings are restored to the factory default. Follow the steps on the previous page to access each mode and select the Display Setup that your TV will support.
- When the factory default settings are restored, all the user data stored in the BD data is deleted.
- The Blu-ray Disc must have the 24 frame feature to use the Movie Frame (24Fs) mode.
- If both HDMI and Component jacks are connected and you are currently viewing Component output, there may be a difference between the resolution listed above and the actual resolution depending on your TV.

HDMI Format

You can optimize the colour setting from the HDMI output by selecting a connected device Type.

- **TV** : Select if connected to a TV via HDMI.
- **Monitor** : Select if connected to a Monitor via HDMI.

Movie Frame (24Fs)

Setting the Movie Frame (24Fs) feature to **On** allows you to adjust the product's HDMI output to 24 frames per second for improved picture quality. You can enjoy the Movie Frame (24Fs) feature only on a TV supporting this frame rate. This menu can only be selected in 1080i or 1080p HDMI output resolution modes.

- **On** : Movie Frame (24Fs) functions is on.
- **Off** : Movie Frame (24Fs) functions is off.

✎ NOTE

- If your TV does not support Movie Frame (24Fs) function, a pop-up message is will be displayed.

Progressive Mode

Set to improve picture quality when viewing DVDs.

- **Auto** : Select to have the product automatically set the best picture for the DVD you're watching.
- **Video** : Select for the best picture quality from concert or TV show DVDs.

Still Mode

Set the type of picture the product shows when you pause DVD playback.

- **Auto** : Automatically show the best still picture depending on the content.
- **Frame** : Select when pausing a scene with a little action.
- **Field** : Select when pausing a scene with a lot of action.

HDMI Deep Colour

Set to output the picture from the HDMI OUT jack with Deep Colour or without. Deep Colour allows more accurate colour reproduction with deeper colour depth.

- **Auto** : The picture is output with Deep Colour to the connected TV if it supports HDMI Deep Colour.
- **Off** : The picture is output without Deep Colour.

Audio

Digital Output

Lets you set the audio output format according to the capabilities of your amplifier. (For more details, see the digital output selection on the next page.)

- **PCM**
- **Bitstream(Re-encode)**
- **Bitstream(Audiophile)**

✎ NOTE

- Be sure to select the correct Digital Output or you will hear no sound or a loud noise.
- If the HDMI device (Receiver, TV) is not compatible with a compressed format (Dolby digital, DTS), the audio signal outputs as PCM.
- Regular DVDs do not have Secondary and Effect audio.
- Some Blu-ray Discs do not have Secondary and Effect audio.
- This Digital Output setup does not affect the analogue (L/R) audio or HDMI audio output to your TV.
  It affect the optical and HDMI audio output when the product is connected to a receiver.
- If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of Digital Output Selections (PCM or Bitstream).

Digital Output Selection

Setup		PCM		Bitstream (Re-encode)	Bitstream (Audiophile)	
Connection		HDMI Receiver	Optical	HDMI Receiver or Optical	HDMI Receiver	Optical
Audio Stream on Blu-ray Disc	PCM	Up to 7.1ch	PCM 2ch	DTS re-encoded	PCM	PCM 2ch
	Dolby Digital	Up to 5.1ch	PCM 2ch	DTS re-encoded	Dolby Digital	Dolby Digital
	Dolby Digital Plus	Up to 7.1ch	PCM 2ch	DTS re-encoded	Dolby Digital Plus	Dolby Digital
	Dolby TrueHD	Up to 7.1ch	PCM 2ch	DTS re-encoded	Dolby TrueHD	Dolby Digital
	DTS	Up to 6.1ch	PCM 2ch	DTS re-encoded	DTS	DTS
	DTS-HD HRA	Up to 7.1ch	PCM 2ch	DTS re-encoded	DTS-HD HRA	DTS
	DTS-HD MA	Up to 7.1ch	PCM 2ch	DTS re-encoded	DTS-HD MA	DTS
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	Up to 5.1ch	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	Up to 6.1ch	PCM 2ch	DTS	DTS	DTS
Definition for Blu-ray Disc	Any	Decodes Primary, Secondary and Effect audio streams together into PCM audio.		Decodes Primary, Secondary and Effect audio streams together into PCM audio, then re-encodes the PCM audio into DTS bitstream.	Outputs only the Primary audio soundtrack (main soundtrack of the movie) so that your receiver can decode the audio bitstream. You will not hear Secondary and Effect audio.	

Blu-ray Discs may include three audio streams.

- Primary Audio : The audio soundtrack of the main feature
- Secondary Audio : Additional soundtrack such as director or actor's commentary.
- Interactive Audio : Plays Interactive sounds when selected. Interactive Audio is different on each Blu-ray Disc.

PCM Downsampling

Select whether to downsample 96KHz signals.

- **On** : Select when the Amplifier connected to the product is not 96KHz compatible. 96KHz signals are down converted to 48KHz.
- **Off** : Select this when the Amplifier connected to the product is 96KHz compatible.

✎ NOTE

- Even when PCM Downsampling is set to **Off**, some discs will only output downsampled audio through the optical digital outputs.

HDMI

- If your TV is not compatible with compressed multi-channel formats (Dolby Digital, DTS), the product may output PCM 2ch downmixed audio even though you set Bitstream (either Re-encode or Audiophile) on your setup menu.
- If your TV is not compatible with PCM sampling rates over 48kHz, the product may output 48kHz downsampled PCM audio even though you set PCM Downsampling to **Off**.

Dynamic Range Control

You can listen at low volumes but still hear dialog clearly.
This is only active when a Dolby Digital signal is detected.

- **Auto** : The Dynamic Range Control will be set automatically based on the information provided by the Dolby TrueHD Soundtrack.
- **Off** : Turn Dynamic Range Control off.
- **On** : Choose to listen to a movie at a lower volume without losing clarity of dialog.

Downmixing Mode

Select whether to downmix the multi-channel audio into fewer channels.

- **Normal Stereo** : Downmixes the multi-channel audio into two channel stereo. Choose when connected to equipment that does not support virtual surround functions such as Dolby Pro Logic.
- **Surround Compatible** : Downmixes multi-channel audio into surround compatible stereo. Choose when connected to equipment that supports virtual surround functions such as Dolby Pro Logic.

DTS Neo:6

You can enjoy multi-channel sound from a simple 2-channel audio source.

- **Off :** Outputs a 2-channel audio signal through the front speakers only.
- **Cinema :** Outputs 2-channel movie sound over multi-channels.
- **Music :** Outputs 2-channel music over multi-channels.

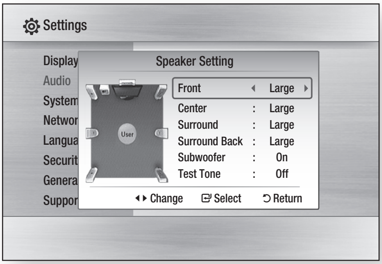
✎ **NOTE**

- If you are using an HDMI receiver, this option is available when you set Digital Output setup to PCM.
- You can use this option with analogue 7.1ch output when you don't use HDMI receiver.

Speaker Setting

Set the speaker sound to obtain the best possible surround sound.

This menu is available only when you are using 7.1ch analogue output.



Test Tone

- A test tone is sent to **L ➞ C ➞ R ➞ RS ➞ RSB ➞ LSB ➞ LS ➞ LFE** in order, so you can make sure the speakers are set up correctly.
- You can activate the test tone only when no discs are in the unit.
- The test tone outputs through the 7.1 channel analogue outputs only.

System

Initial Settings

By adjusting the Initial Settings, you can set the language, TV aspect and Network Settings, etc. For more information on the settings, refer to the corresponding section in this user manual.
(See pages 29~44)

Internet@TV Screen Size

Set the Internet@TV Screen to the optimal size.

- **Size 1** : Display smaller application icons. You may see some black on the sides of the screen.
- **Size 2** : Display normal application icons. The image may be too large for your TV screen.
- **Size 3** : Display larger application icons. The image may be too large for your TV screen.

Anynet+(HDMI-CEC)

Anynet+ is a convenient function that offers linked operations with other Samsung products that have the Anynet+ feature.
To operate this function, connect this product to a Samsung TV with an HDMI cable.
You can operate this product using a Samsung TV remote control and start disc playback simply by pressing the **PLAY** (▶) button on the TV's remote control.
For more information, please see the TV user manual.

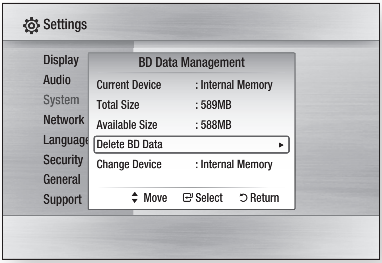
- **On** : Anynet+ function is on.
- **Off** : Anynet+ function is off.

✎ NOTE

- This function is not available if the HDMI cable does not support CEC.
- If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.

BD Data Management

Lets you manage the downloaded contents from a Blu-ray Disc that supports the BD-LIVE service.
You can check the device information including the storage size, delete the BD data or change the Flash memory device.
Change Device allows you to select either the product's Internal Memory or External Memory (a connected USB Device).
If the data to be stored from BD-LIVE is greater than the size of the remaining memory or the Internal Memory is full, connect an External USB device, then select External Device in the menu.



Description of Device (Storage) Information on the Product

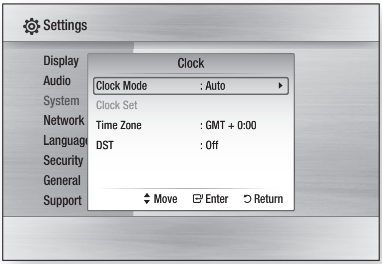
- **Total Size** : Total size of the Device (Storage).
- **Available Size** : Available size of the Device (Storage).

✎ NOTE

- In the external memory mode, disc playback is stopped if you disconnect the USB device in the middle of the playback.
- Only those USB devices formatted in the FAT file system (DOS 8.3 volume label) are supported, We recommend you use USB devices that support the USB 2.0 protocol with 4 MB/sec or faster read/write speed.
- A USB HDD device cannot be used for BD Data storage (BD-LIVE).
- The Resume Play function may not work after you format the storage device.
- The total size of BD Data Management may differ, depending on the conditions.

Clock

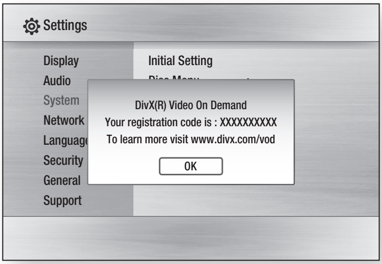
Set time-related functions.



- **Clock Mode** : You can set it to **Auto** or **Manual**.
  If you select **Manual**, the **Clock Set** menu is activated while and **DST** is will be deactivated.
- **Clock Set** : You can specify the current time and date manually.
- **Time Zone** : You can specify the time zone that is applicable to your area.
- **DST** : You can set DST (Daylight Saving Time) on or off.

DivX(R) Registration

View the DivX(R) VOD Registration Code to purchase and play DivX(R) VOD content.

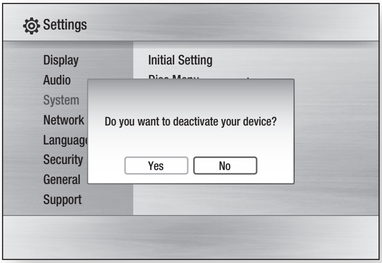


✎ **NOTE**

- This option is not activated if you select **OK**.
  To activate this option, please activate the DivX(R) Deactivation.

DivX(R) Deactivation

Select this to get a new registration code.



✎ **NOTE**

- You can operate this function when the DivX(R) Registration function is deactivated.

Network Setup

To begin setting up the network connection for your product, follow these steps:

1. In the Home menu, press the ◄► buttons to select **Settings**, and then press the **ENTER** button.
2. Press the ▲▼ buttons to select **Network**, and then press the **ENTER** button.
3. Press the ▲▼ buttons to select **Network Settings**, and then press the **ENTER** button.
4. Press the ▲▼ buttons to select **Network Type**, and then press the **ENTER** button.
5. Press the ▲▼ buttons to select **Wired** or **Wireless**, and then press the **ENTER** button.
6. Go to the next section.

Network Settings

Please contact your ISP to find out if your IP address is static or dynamic. If it is dynamic, we recommend using the Auto setting. This is the easiest and will work in the majority of cases. If it is static, you must use the manual set up procedure.

Directions for wired networks are below. Directions for wireless networks are after the directions for wired networks.

Wired Network

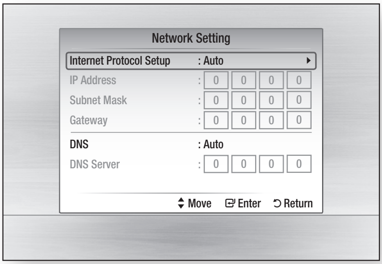
1. In the Network Settings menu, press the ▲▼ buttons to select **Network Settings**, and then press the **ENTER** button.
   The Internet Protocol Setup screen appears.
2. Press the ► button, then select **Auto** or **Manual**, and then press the **ENTER** button.

Setting Up a Wired Connection - Auto

1. If you selected **Auto**, the Network Function acquires and fills in the values for IP Address, Subnet Mask, etc., automatically.

✎ NOTE

- This process can take up to five minutes.



2. After the Network Function has acquired the network values, press the **RETURN** button. Then, run a Network Test to ensure the product has connected to your network (See page 42).
3. If the Network Function does not acquire the network values or you selected Manual, go to the directions for Manual Setup.

Setting Up a Wired Connection - Manual

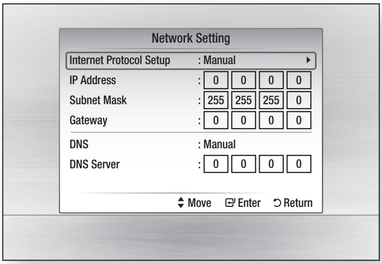
If the Auto Setting does not work, you'll need to set the Network Setting values manually.

To get the Network setting values from most Windows computers, follow these steps:

1. Right click the Network icon on the bottom right of the screen.
2. In the pop-up menu, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button. The Network settings are displayed.

To enter the Network settings into your product, follow these steps:

1. On the Internet Protocol Setup screen, press the **ENTER** button.
2. Press the ▲▼ buttons to select **Manual**, and then press the **ENTER** button.
3. Press the ▼ button to go to the first entry field (IP Address).



4. Use the number buttons on your remote to enter numbers.
5. When done with each field, use the ► button to move successively to the next field.
   You can also use the other arrow buttons to move up, down, and back.
6. Enter the **IP Address**, **Subnet Mask**, and **Gateway** values.
7. Press the ▼ button to go to **DNS**.
8. Press the ▼ button to go to the first DNS entry field. Enter the numbers as above.

9. Press the **RETURN** button on your remote.
10. Run a Network Test to ensure the product has connected to your network (See page 42).

Wireless Network

You can setup the wireless connection three ways:

- Using PBC (WPS)
- Using the Auto Network Search function.
- Manually.

Each method is described below.

Setting Up the Wireless Network Connection - PBC (WPS)

The easiest way to set up the wireless network connection is using the PBC (WPS) function.
If your wireless router has a PBC (WPS) button, follow these steps:

1. In the Network Settings menu, press the ▲▼ buttons to select **Network Settings**, and then press the **ENTER** button.
   The Internet Protocol Setup screen appears.
2. Press the **RED (A)** button on the remote control.
3. Press the **PBC (WPS)** button on your router within two minutes. Your product displays the Network Selection Screen, and automatically acquires all the network setting values it needs and connects to your network. When it is done, it displays an **OK** button. Press the **ENTER** button on your remote.
4. After the network connection is set up, press the **RETURN** button to exit the Network Setting screen.

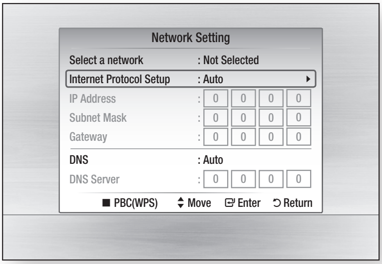
Setting Up the Wireless Network Connection - Auto Network Search

Most wireless networks have an optional security system that requires devices that access the network to transmit an encrypted security code called an Access or Security Key. The Security Key is based on a Pass Phrase, typically a word or a series of letters and numbers of a specified length you were asked to enter when you set up security for your wireless network. If you use this method of setting up the network connection, and have a Security Key for your wireless network, you will have to enter the Pass Phrase during the setup process.

- Setting Up the Network Connection

To set up the wireless connection using Auto Network Search, follow these steps:

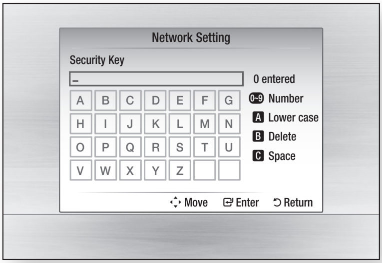
1. In the Network Settings menu, press the ▲▼ buttons to select **Network Settings**, and then press the **ENTER** button.
   The Internet Protocol Setup screen appears.
2. Press the ▲▼ buttons to select the **Internet Protocol Setup**, and then press the **ENTER** button.
3. Press the ▲▼ buttons to select **Auto** or **Manual**, and then press the **ENTER** button.
4. If you selected **Auto**, press the ▲ button to go to **Access Point Selection**, and then press the **ENTER** button.
   The Network function searches for available wireless networks.
   When done, it displays a list of the available networks.



5. In the list of networks, press the ▲▼ buttons to select a network, and then press the **ENTER** button.
6. If the PIN/Security pop-up appears, go to Step 7. If the Network Connecting Screen appears, go to Step 11.
7. Press the ▲▼ buttons to select PIN or Security.
   For most home networks, you would select Security (for Security Key).
8. On the Security screen, enter your network's Pass Phrase.

✎ **NOTE**

- You should be able to find the Pass Phrase on one of the set up screens you used to set up your router or modem.



9. To enter the Pass Phrase, follow these general directions:
   - Press the number keys on your remote to enter numbers.
   - Use the arrow keys on your remote to move from button to button on the Security Key screen.
   - Pressing the **RED (A)** button on the remote lets you change the text displayed on the buttons to lower case, upper case, numbers, or icons.
     To enter a letter or symbol, move the cursor to the letter or symbol, and then press the **ENTER** button.
   - To delete the last letter or number you entered, press the **GREEN (B)** button.
10. When done, press the **BLUE (D)** button on your remote, and then press the **ENTER** button.
11. Wait until the connection confirmation message is displayed, and then press the **ENTER** button. The Network Settings screen reappears.
12. To test the connection, press the ▼ button to select **Network Test**, and then press the **ENTER** button.

Setting Up the Wireless Network Connection - Manual

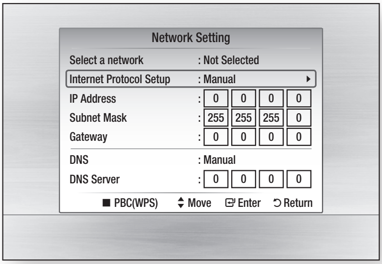
If the Auto Setting does not work, you need to enter the Network settng values manually.

To get the Network setting values from most Windows computers, follow these steps:

1. Right click the Network icon on the bottom right of the screen.
2. In the pop-up menu, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button. The Network settings are displayed.

To Enter the Network settings into your product, follow these steps:

1. On the Internet Protocol Setup screen, press the **ENTER** button.
2. Press the ▲▼ buttons to select **Manual**, and then press the **ENTER** button.
3. Press the ▼ button to go to the first entry field (IP Address).

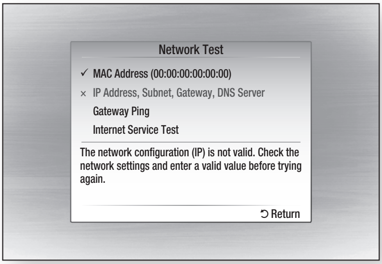


4. Use the number buttons to enter numbers.
5. When done with each field, use the ► button to move successively to the next field.
   You can also use the other arrow buttons to move up, down, and back.

6. Enter the **IP Address**, **Subnet Mask**, and **Gateway** values.
7. Press the ▼ to go to **DNS**.
8. Press the ▼ button to go to the first DNS entry field. Enter the numbers as above.
9. When done, press the ▲ button to return to Access Point Selection. Select the network, and then press the **ENTER** button.
10. Go to Step 6 in the Automatic Wireless procedure above, and follow the directions from that point on.

Network Test

Use this menu to connect to the wired network or check whether your network connection is working or not.



Network Status

Check whether a connection to the network and the Internet have been established.

BD-LIVE Internet Connection

Select whether to allow an Internet connection when you are using the BD-LIVE service.

- **Allow (All)** : The Internet connection is allowed for all BD-LIVE contents.
- **Allow (Valid Only)** : The Internet connection is allowed only for BD-LIVE contents containing a valid certificate.
- **Prohibit** : No Internet connection is allowed for any BD-LIVE content.

✎ NOTE

- **What is a valid certificate?**
  When the product uses BD-LIVE to send the disc data and a request to the server to certify the disc, the server uses the transferred data to check if the disc is valid and sends the certificate back to the product.
- The Internet connection may be restricted while you are using BD-LIVE contents.

Language

You can select the language you prefer for the Home menu, disc menu, etc.

- **On-Screen Menu** : Select the language for the on-screen displays.
- **Disc Menu** : Select the language for the disc menu displays.
- **Audio** : Select the language for disc audio.
- **Subtitle** : Select the language for disc subtitles.

✎ NOTE

- The selected language only appears if it is supported on the disc.

Security

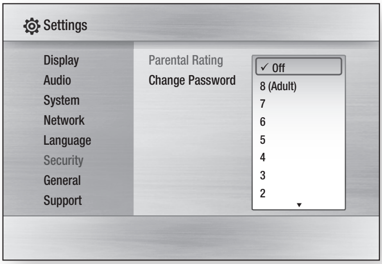
When you operate this menu for the first time, the password setup screen appears.
Enter a desired 4-digit password using the number buttons. The default password is set to 0000.

Parental Rating

The Parental Rating works in conjunction with Blu-ray Disc/DVDs that have been assigned a rating, which helps you control the types of Blu-ray Disc/DVDs that your family can watch.

To use this function, select a rating level that restricts the product to playing discs with ratings appropriate for your family.

A larger number indicates that the program is intended for adult audiences only. When you select a rating number, you should select the highest rating number you want the product to be able to play. For example, if you select Level 6, the product will play discs rated 6 and below, and will not play discs rated Level 7 or 8.



Change Password

Change the 4-digit password used to access security functions.

If you forgot your password

1. Remove the disc.
2. Press and hold the **STOP** (■) button on the front panel for 5 seconds or more.
   All settings will revert to the factory settings.

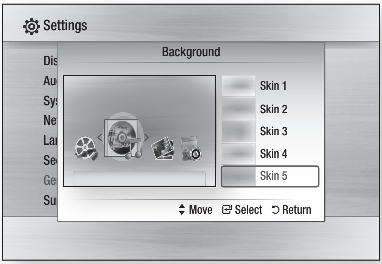
✎ NOTE

- When the factory default settings are restored, all the user data stored in BD data is deleted.

General

Background

Change the background theme of the menu screen.



Front Display

Change the brightness of the front panel.

- **Auto** : Dim during playback.
- **Dim** : Dim the display window.
- **Bright** : Brighten the display window.

Power On/Off Sound

Play a melody when the product is turned on and off.

- **On** : Turn Power Sound On.
- **Off** : Turn Power Sound Off.

Light Effect

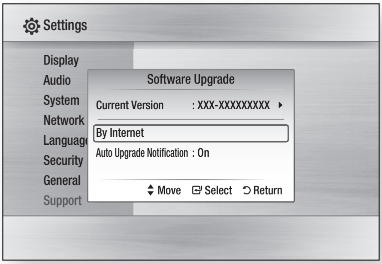
You can activate or deactivate the light effect on the top of the product.

- **Always On** : Activate Light Effect at all times. Select this for retail display.
- **Auto** : Activate Light Effect when you turn the product on and off or when moving the tray. Select when installing the product in your home.
- **Off** : Turn Light Effect off at all times.

Support

Software Upgrade

This menu allows you to upgrade software for performance improvements or additional services. You can check the current software version, upgrade using the Internet and set the Auto upgrade notification. If the product is properly connected to the network by cable or wirelessly, the product automatically connects to Samsung's website each time it is turned on and downloads update files if any valid upgrade exists.



1. To select **By Internet**, press the **ENTER** button.
   A popup message will appear if an update is available, asking if you want to upgrade.
2. If you select **Yes**, the product turns off automatically, restarts and then begins the upgrade. (Do not turn it on manually here.)
3. The update progress popup will appear. When the update is complete, the product turns off again automatically.
4. Press the **POWER** button to turn on the product.

✎ **NOTE**

- The Update is complete when the product turns off after restarting. Press the **POWER** button to turn on the updated product for your use.
  Never turn the product off or on manually during the update process.
- Samsung Electronics shall take no legal responsibility for product malfunction caused an unstable internet connection or consumer negligence during software upgrade.

You can also update software in any of the two ways as follows: Software update is the same as in the **By Internet** menu.

- **USB** : Visit www.samsung.com/bluraysupport, then download and store the latest software (RUF file) onto a USB flash drive. Connect the USB flash drive to the USB port of the product (the disc tray must be empty) to update the software, then follow the on-screen instructions.
- **CD/DVD** : Visit www.samsung.com/bluraysupport, download and write the latest software (RUF file) onto a disc. Insert and play the disc in the product to start the update, then follow the on-screen instructions.

✎ **NOTE**

- Software upgrades using the USB Host jack must be performed with no disc inside.
- If you want to cancel the upgrade in the process of downloading the upgrade data, press the **ENTER** button.
- When the system upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the product during the System Upgrade. It may cause the product not to work properly.
- Software upgrades using the USB Host jack must be performed with a USB memory flash stick only.

Contact Samsung

Provide contact information for assistance with your product.

Basic Functions

Playing a Disc

Playback

1. Press the **OPEN/CLOSE** (⏏) button to open the disc tray.
2. Place a disc gently into the tray with the disc's label facing up.
3. Press the **OPEN/CLOSE** (⏏) button to close the disc tray.
4. Press the **PLAY** (▶) button.

Playback related buttons

PLAY (▶)	Starts playback.
STOP (■)	Stops playback. • If you press the button once : The stop position is memorized. • If you press the button twice : The stop position is not memorized.
PAUSE (⏸)	Pauses playback.

Disc Structure

The contents of disc are usually divided as below.

- **Blu-ray Disc, DVD-VIDEO**

- **Audio CD (CD-DA)**

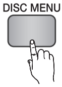
- **MP3, WMA, DivX, MKV and MP4**

Using the Disc menu/Title menu/ Popup menu

Using the Disc Menu

BD-ROM DVD-VIDEO

1. During playback, press the **DISC MENU** button on the remote control.
2. Press the ▲▼◄► buttons to make the desired selection, then press the **ENTER** button.



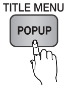
✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Using the Title Menu

DVD-VIDEO

1. During playback, press the **TITLE MENU** button on the remote control.
2. Press the ▲▼◄► buttons to make the desired selection, then press the **ENTER** button.



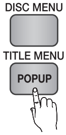
✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Playing the Title List

BD-RE/-R

1. During playback, press the **DISC MENU** or **TITLE MENU** button.
2. Press the ▲▼ buttons to select an entry you want to play from Title List, then press the **ENTER** button.



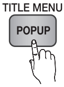
✎ **NOTE**

- If your disc has a playlist, press the **GREEN (B)** button to go to the Playlist.

Basic Functions

Using the Popup Menu

BD-ROM



1. During playback, press the **POPUP MENU** button on the remote control.
2. Press the ▲▼◄► buttons or **ENTER** button to select the desired menu.

✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Using the Search and Skip Functions

During play, you can search quickly through a chapter or track, and use the skip function to jump to the next selection.

Searching for a Desired Scene

BD-ROM | BD-RE/-R | DVD-VIDEO | DVD±RW/±R | DivX/MKV/MP4

- During playback, press the **SEARCH** (◄◄ ►►) button.
  Each time you press the **SEARCH** (◄◄ ►►) button, the playback speed changes as follows.

BD-ROM, BD-RE/-R, DVD-RW/-R, DVD+RW/+R, DVD-VIDEO	►► 1 → ►► 2 → ►► 3 → ►► 4 → ►► 5 → ►► 6 → ►► 7 ◄◄ 1 → ◄◄ 2 → ◄◄ 3 → ◄◄ 4 → ◄◄ 5 → ◄◄ 6 → ◄◄ 7
DivX, MKV, MP4	►► 1 → ►► 2 → ►► 3 ◄◄ 1 → ◄◄ 2 → ◄◄ 3

- To return to normal speed playback, press the **PLAY** (►) button.

✎ **NOTE**

- No sound is played during search mode.

Skipping Chapters

BD-ROM | BD-RE/-R | DVD-VIDEO | DVD±RW/±R | DivX/MKV/MP4

- During playback, press the **SKIP** (⏮ ⏭) button.
  If you press the **SKIP** (⏭) button, the disc moves to the next chapter.
  If you press the **SKIP** (⏮) button, the disc moves to the beginning of the chapter. One more press makes the disc move to the beginning of the previous chapter.

Slow Motion Play/Step Motion Play

Slow Motion Play

BD-ROM | BD-RE/-R | DVD-VIDEO | DVD±RW/±R | DivX/MKV/MP4

- In pause mode, press the **SEARCH** (►►) button.
  Each time you press the **SEARCH** (►►) button, the playback speed is reduced as follows:
  ❙► 1/8 ❙► 1/4 ❙► 1/2
- To return to normal speed playback, press the **PLAY** (►) button.

✎ **NOTE**

- No sound is played during slow mode.
- Slow motion operates only in the forward direction
- Slow motion can not operate on DivX discs.

Step Motion Play

BD-ROM | BD-RE/-R | DVD-VIDEO | DVD±RW/±R | DivX/MKV/MP4

- In pause mode, press the **PAUSE** (❚❚) button.
  Each time the **PAUSE** (❚❚) button is pressed, a new frame appears.
- To return to normal speed playback, press the **PLAY** (►) button.

✎ **NOTE**

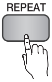
- No sound is played during step mode.
- Step motion operates only in the forward direction.
- Step motion can not operate on DivX discs.

Repeat Playback

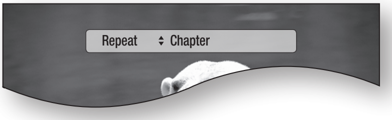
Repeat the Title or Chapter

Repeat the disc title or chapter.

Depending on the disc, the Repeat function may not be available.

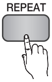


1. During playback, press the **REPEAT** button on the remote control.
2. Press the ▲▼ buttons to select **Chapter** or **Title**, then press the **ENTER** button.

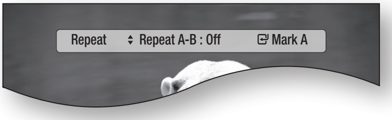


3. To return to normal play, press the **REPEAT** button again.
4. Press the ▲▼ buttons to select **Off**, then press the **ENTER** button.

Repeat the Section



1. During playback, press the **REPEAT** button on the remote control.
2. Press the ▲▼ buttons to select **Repeat A-B**.



3. Press the **ENTER** button at the point where you want repeat play to start (A).
4. Press the **ENTER** button at the point where you want repeat play to stop (B).
5. To return to normal play, press the **REPEAT** button again.
6. Press the **ENTER** button.

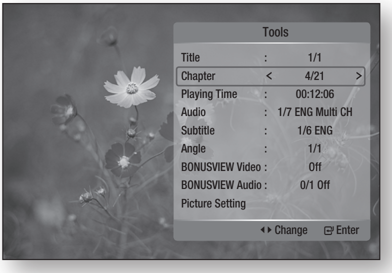
✎ NOTE

- If you set point (B) before 5 seconds has elapsed, the prohibition message will appear.

Using the TOOLS button

During playback, you can operate disc menu by pressing the **TOOLS** button.

- **Tools Menu Screen**



✎ NOTE

- Depending on the disc, the Tools menu may differ.

Moving to a Desired Scene Directly

1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Title**, **Chapter** or **Playing Time**.
3. Enter the desired **Title**, **Chapter** or **Playing Time** using the number buttons, then press the **ENTER** button.

Basic Functions

Selecting the Audio Language

BD-ROM | BD-RE/-R | DVD-VIDEO | DivX/MKV/MP4

You can also operate this function by pressing the **AUDIO** button on the remote control.

AUDIO

1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Audio**.
3. Press the ◄► buttons to select the desired audio language.

✎ NOTE

- The ◄► indicator will not be displayed on the screen if the BONUSVIEW section does not contain any BONUSVIEW audio settings.
- Information about the primary / secondary mode will also be also displayed if the Blu-ray Disc has a BONUSVIEW section.
  Use the ◄► button to switch between primary and secondary audio modes.
- This function depends on which audio languages are encoded on the disc and may not be available.
- A Blu-ray Disc can contain up to 32 audio languages and a DVD up to 8.
- Some Blu-ray Discs may allow you to select either the multi-channel LPCM or Dolby digital audio soundtrack in English.
- If you press the **AUDIO** button on the remote control, the Audio bar will be displayed.
  Press the **RETURN** button to remove the Audio bar.

Selecting the Subtitle Language

BD-ROM | DVD-VIDEO | DivX/MKV/MP4

You can also operate this function by pressing the **SUBTITLE** button on the remote control.

SUBTITLE

1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Subtitle**.
3. Press the ◄► buttons to select the desired subtitle language.

✎ NOTE

- Depending on the Blu-ray Disc / DVD, you may be able to change the desired subtitle in the Disc Menu.
  Press the **DISC MENU** button.
- This function depends on which subtitles are encoded on the disc and may not be available on all Blu-ray Discs/DVDs.
- A Blu-ray Disc can contain up to 255 subtitle languages and a DVD up to 32.
- Information about the primary / secondary mode will also be displayed if the Blu-ray Disc has a BONUSVIEW section.
- This function changes both the primary and secondary subtitles at the same time.
- The total number of subtitles is the sum of the primary and secondary ones.
- If you press the **SUBTITLE** button on the remote control, the subtitle bar is displayed.
  Press the **RETURN** button to remove the subtitle bar.

Changing the Camera Angle

BD-ROM | DVD-VIDEO

When a Blu-ray Disc/DVD contains multiple angles of a particular scene, you can use the ANGLE function.

1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Angle**.
3. Press the ◄► buttons to select the desired Angle.

Selecting the Picture Setting

BD-ROM | BD-RE/-R | DVD-VIDEO | DVD±RW/±R

This function lets you adjust video quality when your product is connected to a TV via HDMI.

1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Picture Setting**, then press the **ENTER** button.
3. Press the ◄► buttons to select the desired **Picture Setting**, then press the **ENTER** button.

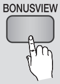
- **Dynamic** : Choose this setting to increase Sharpness.
- **Normal** : Choose this setting for most viewing applications.
- **Movie** : This is the best setting for watching movies.
- **User** : You user can adjust the sharpness and noise reduction functions respectively.

Setting BONUSVIEW

BD-ROM

The BONUSVIEW feature allows you to view additional content (such as commentaries) in a small screen window while the movie is playing. This function is only available if the disc has the Bonusview feature.

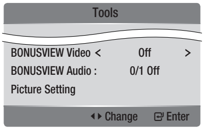
You can also operate this function by pressing the **BONUSVIEW** button on the remote control.



1. During playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **BONUSVIEW Video** or **BONUSVIEW Audio**.
3. Press the ◄► buttons to select the desired bonusview.

✎ **NOTE**

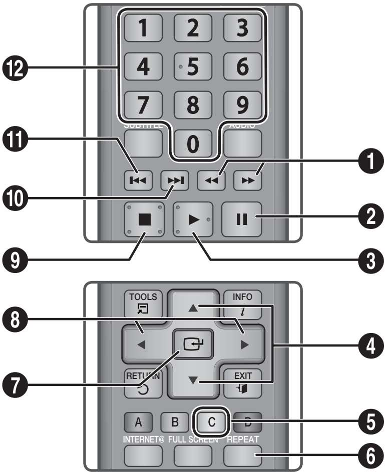
- If you switch from BONUSVIEW Video, BONUSVIEW Audio will change automatically in accordance with BONUSVIEW Video.



Listening to Music

Audio CD MP3/WMA

Buttons on the Remote Control used for Music Playback



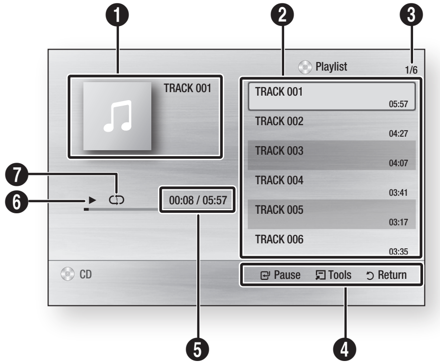
❶	**SEARCH** buttons : Fast Play. (Audio CD (CD-DA) only)
❷	**PAUSE** button : Pauses playback.
❸	**PLAY** button : Plays the currently selected track.
❹	▲▼ buttons : Selects a track in the Music List or Playlist.
❺	**YELLOW (C)** button **:** Select or deselect a track in the music list.
❻	**REPEAT** button : Selects the play mode in the Playlist.
❼	**ENTER** button : Plays and pauses the selected track.
❽	◄► buttons : Jump Play. (except for the Audio CD (CD-DA))
❾	**STOP** button : Stops a track.
❿	**SKIP** button : During playback, moves to the next page in the Music List or moves to the next track in the Playlist.

⓫	**SKIP** button : During playback, moves to the previous page in the Music List or moves to the previous track in the Playlist. If you press this button after three seconds of playback in the Playlist, the current track is replayed from the beginning. But, if you press this button within three seconds after playback starts in the Playlist, the previous track is played.
⓬	**NUMBER** buttons : During the Playlist playback, press the desired track number. The selected track is played.

Playing an Audio CD (CD-DA)/MP3

1. Insert an Audio CD (CD-DA) or an MP3 Disc into the disc tray.
   - Audio CDs (CD-DA) play automatically.
   - To start an MP3 disc, press the ◄► buttons to select **Music**, then press the **ENTER** button.

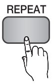
Audio CD (CD-DA)/MP3 Screen Elements



❶	Displays the music information.
❷	Displays the playlist.
❸	Display the current track/total tracks.
❹	Displays control buttons available.
❺	Shows the current play time/total play time.
❻	Displays the current playback status
❼	Displays the repeated playback status.

2. Press the ▲▼ buttons to select the track you want to play, and then press the **ENTER** button.

Repeat an Audio CD (CD-DA)/MP3



1. During the Playlist playback, press the **REPEAT** button.
2. Select the desired play mode by pressing the **REPEAT** button repeatedly.

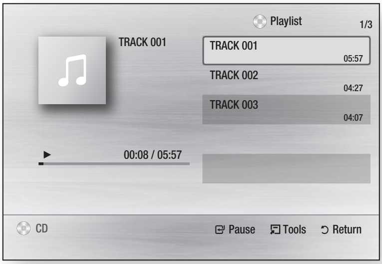
Off	Audio CD (CD-DA)/MP3	Tracks on a disc are played in the order in which they were recorded on the disc.
(⟲) Track	Audio CD (CD-DA)	Current track is repeated.
(⟲) One	MP3	Current track is repeated.
(⟲) All	Audio CD (CD-DA)/MP3	All tracks are repeated.
(⤨) Shuffle	Audio CD (CD-DA)/MP3	The random option plays a disc's tracks in random order.

Playlist

1. Insert an Audio CD (CD-DA) or an MP3 Disc into the disc tray.
   - Audio CDs (CD-DA) play automatically.
   - To start an MP3 disc, press the ◄► buttons to select **Music**, then press the **ENTER** button.
2. To move to the Music List, press the **STOP** (■) or **RETURN** button.
   The Music List screen is displayed.

3. Press the ▲▼◄► buttons to move desired track, then press the **YELLOW (C)** button to check desired tracks.
   Repeat this procedure to select additional tracks.

4. If there is an undesired track in the playlist, press the **YELLOW (C)** button again.
   The selected track is deleted.
5. Press the **ENTER** button to play the selected tracks.
   Selected tracks play automatically play.



6. To go to the Music List, press the **STOP** (■) or **RETURN** button.
7. To go to the Playlist, press the **ENTER** button.

✎ **NOTE**

- You can create a playlist with up to 99 tracks on Audio CD (CD-DA).

Playing back a Picture

Playing a JPEG Disc

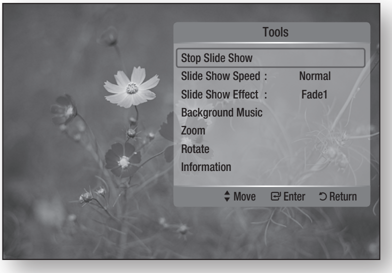
1. Insert a JPEG disc into the disc tray.
2. Press the ◄► buttons to select **Photos** and then press the **ENTER** button.
3. Press the ▲▼◄► buttons to select the folder you want to play, and then press the **ENTER** button.
4. Press the ▲▼◄► buttons to select the photo you want to play, and then press the **ENTER** button.
   The Slide Show starts automatically.

✎ **NOTE**

- You can't enlarge the subtitle and PG graphic in the full screen mode.

Using the TOOLS button

During the slide show playback, you can use various function by pressing the **TOOLS** button.



- **Stop Slide Show** : Select if you want to stop the slide show.
- **Slide Show Speed** : Select if you want to adjust the Slide Show speed.
- **Slide Show Effect** : Select if you want to set the Slide Show Effect.
- **Background Music** : Select if you want to listen to music while viewing a picture.

- **Zoom** : Select if you want to enlarge the current picture. (Enlarged up to 4 times)
- **Rotate** : Select if you want to rotate the picture. (This rotates the picture either clockwise or counter clockwise.)
- **Information** : Shows the picture information including the name and size, etc.

✎ **NOTE**

- To enable the Background Music function, both music and MP3 files must be contained in the same folder. However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo and the encoding method.

Playing back a USB Storage Device

You can use the USB connection to play multimedia files (MP3, JPEG, DivX, etc.) downloaded from a USB storage device.

1. Move to the Home menu.
2. In Stop mode, connect the USB storage device to the USB port on the front panel of the product.
   The message "Do you want to access the device?" is displayed.
3. Press the ◄► button to select **Yes**, then press the **ENTER** button.
4. Press the **RED (A)** button or the **BLUE (D)** button.
   If you pressed the **RED (A)** button, go to Step 5.
   If you pressed the **BLUE (D)** button, go to Step 4-1.

5. Press the ▲▼ buttons to select USB, then press the **ENTER** button.
6. Press the ◄► buttons to select the desired Videos, Music or Photos, then press the **ENTER** button. Go to Step 7.

4-1. Press the **BLUE (D)** button, the screen below appears. Go to 5-1.

5-1. Press the ◄► buttons to select USB, then press the **ENTER** button.

6-1. Press the ▲▼ buttons to select the desired Videos, Music or Photos, then press the **ENTER** button.

7. For playing back Video, Music or Photo files, refer to pages 45~52.

✎ **NOTE**

- You must remove the USB storage device safely (by performing the "Safe to Remove USB" function) to prevent possible damage to the USB memory. Press the **MENU** button to move to the Home menu, Then, press the **YELLOW (C)** button and then press the **ENTER** button.
- When Audio-CD (CD-DA), MP3 and JPEG files are in stop mode, the **FULL SCREEN** button on the remote does not work.
- If you insert the a disc when playing a USB storage device, the device mode is changed to "DVD or CD" automatically.

Network Services

You can enjoy various network services such as Internet@TV or BD-LIVE by connecting the product to your network.

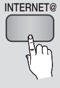
Check the following instructions before using any network service.

1. Connect the product to the network. (See pages 27~28)
2. Configure the network settings. (See pages 38~42)

Using Internet@TV

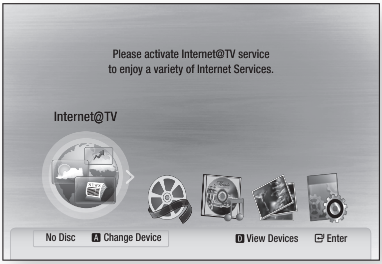
Connect this product to the network to download various for a fee or free-of-charge applications. Internet@TV brings useful and entertaining content and services directly from the web to your product such as news, weather forecasts, stock market quotes, games, movies and music.

You can also initiate this function by pressing the **INTERNET@** button on the remote control.



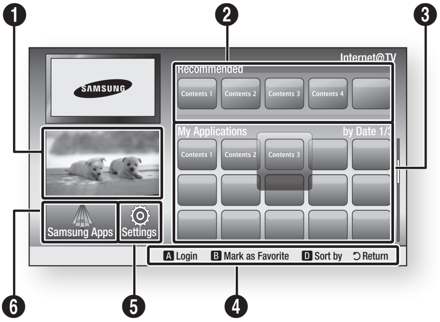
Getting Started with Internet@TV

1. Move to the Home menu.



2. Press the ◄► buttons to select **Internet@TV** and press the **ENTER** button.
3. In the start screen of the Internet@TV service, you will see the service agreement screen. You must agree to the service terms and conditions before you can use the Internet@TV service.
4. After you have signed off on the service agreement, the Internet@TV service starts updating. It takes several minutes. When the update is complete, you will see the Internet@ TV menu screen.

Internet@TV at a Glance

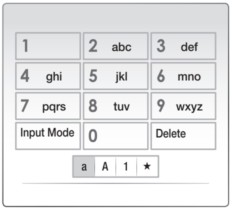


❶	**Commercial** : Displays Internet@TV Guide, product introduction and new application introduction.
❷	**Recommended** : Displays recommended contents managed by Samsung.
❸	**My Applications** : Displays your personal gallery in which you can add and delete applications.
❹	**Navigation Help** : Displays remote control buttons available. • **RED (A)** : To log in to Internet@TV. • **GREEN (B)** : To mark the application as a favourite. • **BLUE (D)** : To sort the applications. • **Return** : To return to the previous menu.
❺	**Settings** : You can set up the system and create accounts, etc.
❻	**Samsung Apps** : You can download various for a fee or free-of-charge application services.

Network Services

Using the Keypad

Through your remote, you can use the On-Screen Keypad in several Internet@TV applications to enter text.
Pressing the **SUBTITLE** button on the remote while you are using the Screen Keypad lets you change the text fields to lower case, upper case, numbers and icons.



For example, here is how to use the Keypad to search for an address in Google Maps:

1. Press the **ENTER** button on the remote at the Google Maps icon at the Internet@TV.
2. Press the **GREEN (B)** button to use the SEARCH function.
3. Press the ◄► buttons to move to the “Search or address” window.
4. Press the **ENTER** button to use Search or address function.
5. For example, suppose that you want to input ‘105 Challenger Rd., Ridgefield Park NJ’.
6. Press the **SUBTITLE** button on the remote twice to change the input mode from lower case to numbers.
7. Press ‘1’, ‘0’, ‘5’.
8. Press the **YELLOW (C)** button on the remote to input a blank space.
9. Press the **SUBTITLE** button on the remote 3 times to change the input mode from numbers to upper case.
10. Press ‘2’ button on the remote 3 times to input **C**.
11. Press the **SUBTITLE** button on the remote 3 times to change the input mode from upper case to lower case.
12. Press buttons on the remote to input the rest of ‘Challenger Rd., Ridgefield Park NJ’.
13. Press the **ENTER** button.
14. The map and address appear on the screen.

✎ **NOTE**

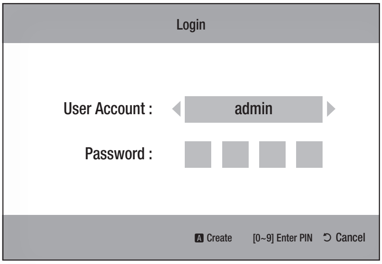
- Samsung Electronics shall take no legal responsibility for any interruption of the Internet@TV service caused by the service provider for any reasons.
- The Internet@TV service is to download and process data via the Internet so that you can enjoy the contents on the TV screen.
  If the Internet connection is unstable, the service may be delayed or interrupted.
  Furthermore, the product may be turned off automatically. If this is the case, check the Internet connection and try again.
- The application service may be provided in English only and the contents available may vary, depending on the area.
- When you use an application service, the **FULL SCREEN** button on the remote control does not operate.
- For more information about the Internet@TV service, visit the web site of the applicable service provider.
- The services provided are subject to change, depending on the Internet@TV service provider.
- The Internet@TV service contents may differ according to the firmware version.
- For-a-fee DivX contents with copy protection can only be played using HDMI cable.
  If you have connected your product to your TV using Component or video cables, the DivX video signal can not output or the popup message “Connect with a HDMI cable to play this file.”or “Cannot play current file” will be displayed.

Account Login

For a more enjoyable application experience, register and log in to your account.

To do this, you must create an account first. (For instructions on creating an account, refer to Internet@TV ID on this page)

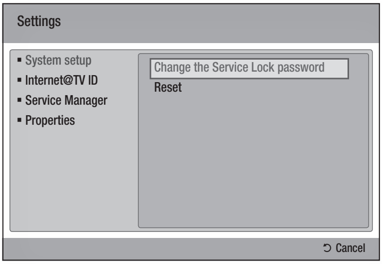
1. Press the ▲▼◄► buttons to select the desired application and press the **RED (A)** button.



2. Enter the user account and password.

Settings

Create IDs and configure Internet@TV settings on this screen.



System Setup

Reset

Resets Internet@TV settings to factory default settings.

✎ NOTE

- If you forgot your password, press the **STOP** (■) button on the front panel of the product for more than 5 seconds with no disc inserted.

Internet@TV ID

Use this menu to create or delete an account and enter or delete account information.

You can control your account including contents site's account information.

This account is only for Internet@TV.

Create

Create an account and link it with desired service applications.

✎ NOTE

- The account name must be at least 1 character in length but no more than 8.
- You can register up to 10 User Account Names.

Manager

- **Service Site** : Register login information for service sites.
- **Change Password** : Change account name password.
- **Delete** : Delete the account name.

Network Services

Service Manager

Delete and lock applications installed to Internet@TV.

Lock

Lock the application. Accessing a locked application requires a password.

Delete

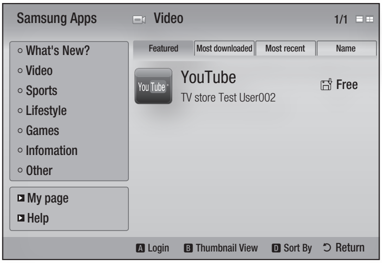
Delete the application.

Properties

Display information about Internet@TV. Use the "Check the speed of your internet connection" option to test your network connection.

Samsung Apps

Various applications are available from here, organized into different categories. Some applications have a download fee.



My page

Displays the application list.

Help

If you questions about Internet@TV, check this section first. If none of the tips apply, please visit the help website.

Using the colour buttons with the Samsung Apps

- **RED (A) (Login)** : To log in to the internet service.
- **GREEN (B) (Thumbnail View)** : To change the view mode.
- **BLUE (D) (Sort By)** : To sort the applications by Featured, Most Downloaded, Most Recent or Name.

✎ NOTE

- The available Internet contents services may be added or deleted.

BD-LIVE™

Once the product is connected to the network, you can enjoy various movie-related service contents using a BD-LIVE compliant disc.

1. Check the size of the remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Insert a Blu-ray disc that supports BD-LIVE.
3. Select an item from various BD-LIVE service contents provided by the disc manufacturer.

✎ NOTE

- The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

Software Upgrade Notification

When connected to the network, the product can notify you if a new software version is available.

1. Turn on the product.
2. In the Software Upgrade menu, set Auto Upgrade Notification to **On**. (See page 44)
   If there is a new software version available, the product notifies you with a popup message.
3. To upgrade the firmware, select **Yes** on the Pop-up. The product turns off automatically, then restarts, and begins the download. (Never turn on the product manually here.)
4. The update progress popup appears. When the update is complete, the product turns off again automatically.
5. Press the **POWER** button to turn on the product.

✎ NOTE

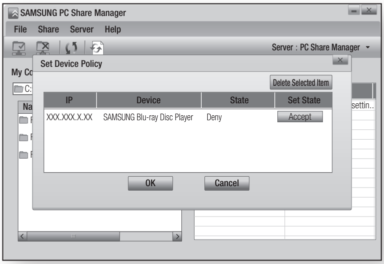
- Update is complete when the product turns off after restarting. Press the **POWER** button to turn on the updated product for your use.
  Never turn the product off or on manually during the update process.
- Samsung Electronics shall take no legal responsibility for product malfunction caused by unstable of internet connection or consumer negligence during software upgrade.

Using the AllShare Function

AllShare lets you play music, video and photo files in your PC using the product.

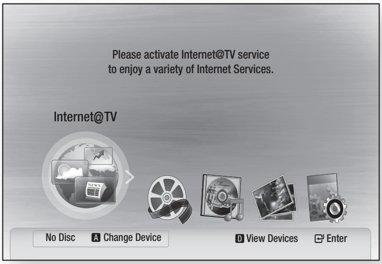
To use AllShare, you must connect the product to your PC via the network (See pages 27~28) and install the SAMSUNG PC Share Manager on the PC. To install and use Share Manager, follow these steps.

1. Visit the Samsung website at www.samsung.com.
2. Download the SAMSUNG PC Share Manager and install it on your PC.
3. When the installation is complete, you will see the SAMSUNG PC Share Manager icon on your desktop.
   Double-click the icon to launch the application.
4. Select a folder to share from the My computer pane, and click the **Share Folder Enabled icon** ( ).
   (To remove a shared folder : Select a folder to remove from the shared folders, and click the **Share Folder Disabled icon** ( ).)
5. To apply the updated sharing state to the server, click the **Set Change State icon** ( ).
6. To enable the product to locate a PC server, click **Share** from the menu bar.
   Click **Set Device Policy** and click **Accept**.



7. Click the **Set Change State icon** ( ) and move to the home menu on product.

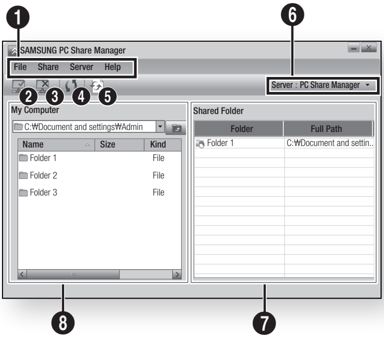
8. To select a device, use the **RED (A)** or **BLUE (D)** button to select a file to play.
(For playing back Video, Music or Photos files, see pages 45~52.)



✎ NOTE

- Depending on the performance of the external modem or router, HD video may not play properly.
- If your system uses a firewall, the product may not locate your PC on the TV screen.
- AllShare does not support the following functions.
  - The Background Music and Background Music Setting functions.
  - Sorting files by preference in the Photo, Music and Movie folders.
  - The Change Group function.
  - The Safe Remove function.
- The Sorting method may differ depending on the server function.
- The search and skip operation may differ depending on the server function.
- During video playback, play time is not display.
- To use the AllShare function, please place both this product and PC in same subnet.

AllShare Program at a Glance



❶	**Menu Bar**
❷	**Share Folder Enabled icon** : Use this if you want to select a folder in your PC to share.
❸	**Share Folder Disabled icon** : Use this if you want to set folder sharing off.
❹	**Refresh icon** : Use this if you want to refresh list of folders and files in My Computer.
❺	**Set Change State icon** : Select a folder to share and don't forget to press this button. The updated state will be applied to the server.
❻	**Server** : Displays the name of the sharing server.
❼	**Shared Folder** : Displays a list of the shared folders.
❽	**My Computer** : Displays a list of the folders and files in the PC.

Appendix

Troubleshooting

Before requesting service, please check the following.

PROBLEM	SOLUTION
No operation can be performed with the remote control.	• Check the batteries in the remote control. They may need replacing. • Operate the remote control at a distance of no more than 6.1m. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall batteries and try to operate the remote control again.
Disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the Blu-ray Disc/DVD.
Disc Menu does not appear.	• Ensure that the disc has disc menus.
The prohibition message appears on the screen.	• This message appears when an invalid button is pressed. • The Blu-ray Disc/DVD's software doesn't support the feature (e.g., angles) • You've requested a title or chapter number or search time that is out of range.
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	• The screen aspect ratio is fixed on your Blu-ray Disc/DVDs. • This is not a problem with the product.
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.
The screen is blocked	• Press the **STOP** (■) button (on the front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all the stored user BD data is deleted.
If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV.	• Press the **STOP** (■) button (on front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all the stored user BD data is deleted.

Appendix

PROBLEM	SOLUTION
Forgot password	• Press the **STOP** (■) button (on the front panel) for more than 5 seconds with no disc inside. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary. • When the factory default settings are restored, all the user data stored in the BD data will be deleted.
If you experience other problems.	• Go to the contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest Samsung authorized service centre.
The picture is noisy or distorted	• Make sure that the disc is not dirty or scratched. • Clean the disc.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the product. • Check if your TV supports 576p/480p, 720p, 1080i or 1080p HDMI input resolution.
Abnormal HDMI output screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
PC Share Manager function	
I can see folders shared through the PC Share Manager, but I cannot see the files.	• Since Share Manager shows only Image, Music and Movie files, files that do not correspond to these categories are not be displayed.
AllShare function	
Video is played intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is not overloaded. • Wireless connection between the server and the product is unstable. Check the connection.
AllShare connection between TV and PC is unstable.	• IP addresses under the same sub-network should be unique, otherwise IP collision can occur as a result. • Check if you have a firewall enabled. If so, disable the firewall function.

PROBLEM	SOLUTION
BD-LIVE	
I cannot connect to the BD-LIVE server.	• Check whether the network connection is successful or not by using Network Test menu. (See page 42) • Check whether a USB memory device is connected to product or not. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. (See page 37) • Please check whether the BD-LIVE Internet Connection menu is set to Allow (All). • If all above fails, contact the contents provider or update to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. (See page 37)

✎ NOTE

- When the factory default settings are restored, all the stored user BD data is deleted.

Viewing TV using 3D function

Important safety Information. Read the following warnings before you or your child use the 3D function.

- The pregnant, elderly and epileptic and those suffering from a weak heart or serious carsickness are advised to avoid watching 3D pictures.
- We don't recommend 3D pictures to those who are in bad physical condition, who are sleep-deprived or who drank liquor. Some 3D pictures may startle viewers.
- Do not place a sharp-edged or easily breaking object around you when playing a 3D video.
  If you feel and respond your body to the 3D video like it's real, you can break the object around you or be physically damaged.
- Photosensitive Seizure Warning and Other Health Risks
  - Some viewers may experience an epileptic seizure or stroke when exposed to certain flashing images or lights contained in certain television pictures or video games. If you or any of your relatives has a history of epilepsy or strokes, please consult with a medical specialist before using the 3D function.
  - If you have any one of the following symptoms or conditions while watching 3D pictures, stop watching immediately and rest: dizziness, eye or facial instability, involuntary movement, cramps, clouded consciousness, mental disorder, disorientation or nausea. (If the symptom persists, please consult a medical specialist.)
  - In particular, children or teenagers need parent care and guard when they watching the 3D video.
  - Do not watch 3D pictures when you feel incoherent, sleepy, tired or sick. Avoid watching 3D pictures for long hours.

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Specifications

General	Weight	1.8 Kg
	Dimensions	430 (W) × 205 (D) × 43 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
Disc	BD (Blu-ray Disc)	Reading Speed : 4.917m/sec
	DVD (Digital Versatile Disc)	Reading Speed : 3.49 ~ 4.06 m/sec.
		Approx. Play Time (Single Sided, Single Layer Disc) : 135 min.
	CD : 12cm (COMPACT DISC)	Reading Speed : 4.8 ~ 5.6 m/sec.
		Maximum Play Time : 74 min.
	CD : 8cm (COMPACT DISC)	Reading Speed : 4.8 ~ 5.6 m/sec.
		Maximum Play Time : 20 min.
Video Output	Composite Video	1 Channel : 1.0 Vp-p (75Ω load)
		Blu-ray/DVD Disc : 576i/480i
	Component Video	Y : 1.0 Vp-p (75Ω load) P_R : 0.70 Vp-p (75Ω load) P_B : 0.70 Vp-p (75Ω load) Blu-ray Disc : 1080i, 720p, 576p/480p, 576i/480i DVD : 576p/480p, 576i/480i
Video/Audio	HDMI	2D : 1080p, 1080i, 720p, 576p/480p 3D : 1080p, 720p
		PCM multichannel audio, Bitstream audio
Audio Output	2 Channel	L(1/L), R(2/R)
	7.1 Channel	F/L, F/R, R/L, R/R, C/T, S/W, SBR, SBL
	Digital Audio Output	Optical
	*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz
		96 kHz Sampling : 4 Hz to 44 kHz
	*S/N Ratio	110 dB
	*Dynamic Range	100 dB
	*Total Harmonic Distortion	0.003%

*: Nominal specification

- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the product.
- Weight and dimensions are approximate.

Appendix

Compliance and Compatibility Notice

NOT ALL discs are compatible

- Subject to the restrictions described below and those noted throughout this Manual, including the Disc Type and Characteristics section of this user manual, disc types that can be played are: pre-recorded commercial BD-ROM, DVD-VIDEO, and Audio CD (CD-DA) discs; BD-RE/-R, DVD-RW/-R discs; and CD-RW/-R discs.
- Discs other than the above cannot and/or is not intended to be played by this product. And some of the above discs may not play due to one or more reasons provided below.
- Samsung cannot assure that this product will play every disc bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+ R and CD-RW/-R logos, and this product may not respond to all operating commands or operate all features of every disc. These and other disc compatibility and product operation issues with new and existing format discs are possible because:
  - Blu-ray is a new and evolving format and this product may not operate all features of Blu-ray Discs because some features may be optional, additional features may have been added to the Blu-ray Disc format after the production of this product, and certain available features may be subject to delayed availability;
  - not all new and existing disc format versions are supported by this product;
  - new and existing disc formats may be revised, changed, updated, improved and/or supplemented;
  - some discs are produced in a manner that allows specific or limited operation and feature during playback;
  - some features may be optional, additional features may have been added after the production of this product or certain available features may be subject to delayed availability;
  - some discs bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+ R and CD-RW/-R logos may still be non-standardized discs;
  - some discs may not be played depending on their physical state or recording conditions;
  - problems and errors can occur during the creation of Blu-ray Disc, DVD software and/or the manufacture of discs;
  - this product operates differently than a standard DVD product or other AV equipment; and/or
  - for reasons noted throughout this user manual and for other reason(s) discovered and posted by SAMSUNG customer care centre.
- If you encounter disc compatibility or product operation problems, please contact SAMSUNG customer care centre.
  You may also contact SAMSUNG customer care centre for possible updates on this product.
- For additional information on playback restrictions and disc compatibility, refer to the Precautions, Before Reading the user manual, Disc Types and Characteristics, and Before Playing sections of this user manual.

Copy Protection

- Because AACS (Advanced Access Content System) is approved as content protection system for Blu-ray Disc format, similar to use of CSS (Content Scramble System) for DVD format, certain restrictions are imposed on playback, analog signal output, etc., of AACS protected contents.
  The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product. Furthermore, BD-ROM Mark and BD+ are additionally used as content protection system for Blu-ray Disc format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact SAMSUNG customer care centre.

- Many Blu-ray Disc/DVD discs are encoded with copy protection. Because of this, you should only connect your Product directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected Blu-ray Disc/DVD discs.
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, Blu-ray Discs, DVDs, and other materials may subject you to civil and/or criminal liability.
- **For Blu-ray Disc Player progressive scan output :** CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS PRODUCT, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

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Appendix

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- ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.
- DivX Certified to play DivX video up to HD 1080p, including premium content.
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  The license only covers the use of this product unit to encode and/or decode audio files conforming to the ISO/IEC 11172-3 or ISO/IEC 13818-3. No rights are granted under this license for product features or functions that do not conform to the ISO/IEC 11172-3 or ISO/IEC 13818-3.
- Open Source License Notice
  - In the case of using open source software, Open Source Licenses are available on the product menu.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Area	Contact Centre ☎	Web Site
▪ North America		
Canada	1-800-SAMSUNG (726-7864)	www.samsung.com
Mexico	01-800-SAMSUNG (726-7864)	www.samsung.com
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
▪ Latin America		
Argentine	0800-333-3733	www.samsung.com
Brazil	0800-124-421 4004-0000	www.samsung.com
Chile	800-SAMSUNG (726-7864)	www.samsung.com
Nicaragua	00-1800-5077267	www.samsung.com
Honduras	800-7919267	www.samsung.com
Costa Rica	0-800-507-7267	www.samsung.com
Ecuador	1-800-10-7267	www.samsung.com
El Salvador	800-6225	www.samsung.com
Guatemala	1-800-299-0013	www.samsung.com
Jamaica	1-800-234-7267	www.samsung.com
Panama	800-7267	www.samsung.com
Puerto Rico	1-800-682-3180	www.samsung.com
Rep. Dominica	1-800-751-2676	www.samsung.com
Trinidad & Tobago	1-800-SAMSUNG (726-7864)	www.samsung.com
Venezuela	0-800-100-5303	www.samsung.com
Colombia	01-8000112112	www.samsung.com
▪ Europe		
Austria	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
Belgium	02-201-24-18	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
Czech	800 - SAMSUNG (800-726786)	www.samsung.com
Denmark	70 70 19 70	www.samsung.com
Finland	030 - 6227 515	www.samsung.com
France	01 48 63 00 00	www.samsung.com
Germany	01805 - SAMSUNG (726-7864 € 0,14/Min)	www.samsung.com
Hungary	06-80-SAMSUNG (726-7864)	www.samsung.com
Italia	800-SAMSUNG (726-7864)	www.samsung.com
Luxemburg	261 03 710	www.samsung.com
Netherlands	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com
Norway	815-56 480	www.samsung.com
Poland	0 801 1SAMSUNG (172678) 022-607-93-33	www.samsung.com
Portugal	80820-SAMSUNG (726-7864)	www.samsung.com
Slovakia	0800-SAMSUNG (726-7864)	www.samsung.com
Spain	902 - 1 - SAMSUNG (902 172 678)	www.samsung.com
Sweden	0771 726 7864 (SAMSUNG)	www.samsung.com
U.K	0845 SAMSUNG (7267864)	www.samsung.com
Eire	0818 717100	www.samsung.com

Area	Contact Centre ☎	Web Site
Switzerland	0848 - SAMSUNG (7267864, CHF 0.08/min)	www.samsung.com/ch www.samsung.com/ch_fr/ (French)
Lithuania	8-800-77777	www.samsung.com
Latvia	8000-7267	www.samsung.com
Estonia	800-7267	www.samsung.com
▪ CIS		
Russia	8-800-555-55-55	www.samsung.com
Georgia	8-800-555-555	
Armenia	0-800-05-555	
Azerbaijan	088-55-55-555	
Kazakhstan	8-10-800-500-55-500	
Uzbekistan	8-10-800-500-55-500	www.samsung.com
Kyrgyzstan	00-800-500-55-500	www.samsung.com
Tadjikistan	8-10-800-500-55-500	www.samsung.com
Ukraine	0-800-502-000	www.samsung.ua www.samsung.com/ua_ru
Belarus	810-800-500-55-500	
Moldova	00-800-500-55-500	
▪ Asia Pacific		
Australia	1300 362 603	www.samsung.com
New Zealand	0800 SAMSUNG (0800 726 786)	www.samsung.com
China	400-810-5858 010-6475 1880	www.samsung.com
Hong Kong	(852) 3698-4698	www.samsung.com/hk www.samsung.com/hk_en/
India	3030 8282 1800 110011 1800 3000 8282 1800 266 8282	www.samsung.com
Indonesia	0800-112-8888 021-5699-7777	www.samsung.com
Japan	0120-327-527	www.samsung.com
Malaysia	1800-88-9999	www.samsung.com
Philippines	1-800-10-SAMSUNG (726-7864) 1-800-3-SAMSUNG (726-7864) 1-800-8-SAMSUNG (726-7864) 02-5805777	www.samsung.com
Singapore	1800-SAMSUNG (726-7864)	www.samsung.com
Thailand	1800-29-3232 02-689-3232	www.samsung.com
Taiwan	0800-329-999	www.samsung.com
Vietnam	1 800 588 889	www.samsung.com
▪ Middle East & Africa		
Turkey	444 77 11	www.samsung.com
South Africa	0860-SAMSUNG (726-7864)	www.samsung.com
U.A.E	800-SAMSUNG (726-7864)	www.samsung.com
Bahrain	8000-4726	
Jordan	800-22273	

SAMSUNG

ENERGY STAR

AK68-01942D

BD-C6900

Blu-ray 光碟播放機

使用手冊

用影像記錄一切可能

感謝您選購此款 Samsung 產品。
為了獲得更完善的服務，
請在以下網站註冊您的產品

www.samsung.com/register

SAMSUNG

主要特性

Blu-ray 光碟特性

Blu-ray 光碟支援行業提供的最高品質 HD 視訊 - 大容量意味著不會損害視訊品質。 此外，Blu-ray 光碟的常見尺寸和外觀與 DVD 光碟相同。

以下 Blu-ray 光碟特性與光碟相關，
並且會因光碟而異。
特性的外觀和導覽也會因光碟而異。
並非所有光碟都具備下面所述的特性。

視訊要點

BD-ROM 格式支援三種先進的視訊轉碼器，包括 AVC、VC-1 和 MPEG-2。
也可以使用 HD 視訊解析度：

- 1920 x 1080 高清晰度
- 1280 x 720 高清晰度

對於高解析度播放

要觀賞 Blu-ray 光碟中的高解析度內容，需要 HDTV（高解析度電視）。
某些 Blu-ray 光碟可能要求使用產品的 HDMI OUT 才能觀賞高解析度內容。
根據電視的解析度，觀賞 Blu-ray
光碟上的高解析度內容的能力可能會受到限制。

互動

某些 Blu-ray 光碟可能包含動態選單和競猜遊戲。

使用者可瀏覽的投影片

使用 Blu-ray 光碟，您可以在保持播放聲頻的同時瀏覽各種靜止圖片。

字幕

根據 Blu-ray 光碟上包含的內容，您可能可
為字幕選取不同的字型樣式、大小和顏色。
字幕也可能具有動態、捲動或淡入淡出效果。

BD-LIVE

您可以透過網絡連線使用支援 BD-LIVE 的 Blu-ray 光碟來下載光碟製造廠商提供的內容。

Blu-ray 光碟播放機特性

Internet@TV

您可以藉由網絡連線下載各種付費或免費
應用程式。
將提供各種網際網路服務和內容，其中包括新聞、天氣預報、股市、遊戲、電影和音樂。

3D

本產品可以透過 HDMI 電纜播放 3D 內容。
若要實現 3D 效果，請使用 HDMI 電纜將
3D 裝置 (3D 相容 AV 接收器、3D 相容電視)
連接到產品，播放 3D 內容並戴上 3D 視覺眼鏡。

安全資訊

警告

爲了降低觸電的危險，請勿取下前蓋 (或後蓋)。
本機內部沒有使用者可以自行維修的部件。 所有維修工作應由有資格的人員完成。

	注意 觸電的危險 請勿開啓	
三角形內的閃電狀箭頭是一個警告符號，警示您產品內部存在危險電壓。	**注意**: 爲了降低觸電的危險，請勿取下前蓋 (或後蓋)。 本機內部沒有使用者可以自行維 修的部件。 所有維修工作應由有 資格的人員完成。	三角形內的驚嘆號是一個警告符號，警示您產品附帶重要說明。

切勿將本裝置安裝在狹窄的空間中，例如書架或類似的裝置中。

警告

爲了防止火災或觸電造成的損害，請勿讓本裝置受雨淋或置於潮濕的環境中。

注意

Blu-ray 光碟播放機使用肉眼看不到的鐳射光線，如果被照射，則可能會導致有害輻射。 請務必依照指示謹慎地操作 Blu-ray 光碟播放機。

注意

該產品應用了鐳射器。 若不依照本手冊的規定進行控制、調校或使用程序進行操作，則可能會處於有害輻射之中。
切勿打開蓋子，也不要自行修理。
所有維修工作應由有資格的人員完成。

使用屏蔽電纜和接頭將裝置連接至其他裝置時，本產品符合 CE 規定。 爲了防止收音機和電視等電子裝置產生的電磁干擾，請使用屏蔽的電纜和接頭進行連線。

重要附註

本裝置的電源插頭配備含保險絲的壓模插頭。
保險絲的值在插頭的插腳面指示。
如果需要更換保險絲，必須使用額定值相同的經過 BS1362 核准的保險絲。

如果保險絲可拆下，則在沒有保險絲蓋子的情況下，請勿使用插頭。 如果保險絲蓋子需要更換，其顏色必須與插頭插腳面的顏色相同。
更換蓋子可從經銷商處獲得。

如果插頭不適合家庭中的電源點，或者電源線太短，無法到達電源點，您應取得合適的、經安全批准的延長線，或者與經銷商聯絡以獲得幫助。

但是，如果除了剪斷插頭之外別無他法，請取出保險絲，然後安全地處理插頭。 請勿將插頭連接到電源插座，因爲裸露的活動電線會造成觸電的危險。

要斷開裝置的電源，必須將插頭從電源插座拔下，因此應使電源插頭隨時準備好使用。

本產品裝置及隨附的使用手冊中的相關知識產權得到了相關第三方的許可。 該許可限於終端使用者消費者對許可內容的私人、非商業性使用。

同時，商業性使用未得到授權。

此許可僅包含對此產品裝置的許可，不包含對其他產品裝置的許可。同時，對於和此產品裝置組合使用或售出（符合 ISO/IEC 11172-3 或 ISO/IEC 13818-3）的未得到許可的任何產品裝置或處理，該許可均不提供許可。
該許可僅適用於使用此產品裝置對符合 ISO/IEC 11172-3 或 ISO/IEC 13818-3 的音頻檔案進行編碼和/或解碼處理。
該許可未授權給特性/功能不符合 ISO/IEC 11172-3 或 ISO/IEC 13818-3 的產品。

安全資訊

預防措施

重要安全說明

在使用裝置之前，請仔細閱讀操作說明。
請依照下面列出的所有安全說明操作。
將這些操作說明放在就手的地方，以供以後參考。

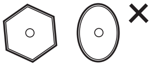
1. 閱讀這些說明。
2. 遵守這些說明。
3. 注意所有警告資訊。
4. 按照所有說明進行操作。
5. 切勿在靠近水的地方使用本播放機。
6. 乾布進行清潔。
7. 切勿擋住任何通風口，並按照製造商說明進行安裝。
8. 不要安裝在散熱器、加熱器、爐子或散熱的其他播放機（包括擴音器）等熱源附近。
9. 極化插頭或接地式插頭具有重要的安全用途。
   極化插頭帶有寬 窄兩個插腳。
   接地式插頭帶有兩個插腳和第三個接地針腳。
   寬插腳和第三個針腳均用於安全用途。
   當提供的插頭不能插入您的電源插座時，請找電氣技師換一個新的插座。
10. 電源線不可變形或擠壓，特別是在插頭、連接插座及設備的出口位置。
11. 僅使用製造商指定的連接件/配件。
12. 只能放在製造商指定的或或者隨播放機一起出售得手推車、座台、三角架、支架或桌子上。
    如果使用手推車，移動手推車/播放機組合時要格外小心，避免翻倒損壞。

13. 在雷暴期間或長期不使用時，請拔下本播放機的插頭。
14. 請向合格的維修人員尋求所 有維修幫助。
    當播放機遭到任何方式的損壞時就需要進行維修，如電源線或插頭損壞、灑水或異物跌入播放機、播放機被雨淋或受潮、播放機不能正常工作或播放機被摔到地上。

光碟儲藏和管理

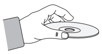
光碟管理

光碟形狀



- 使用規則形狀的光碟。
  如果使用不規則形狀的光碟（特殊形狀的光碟），則可能會損壞本產品。

取光碟



- 應避免觸摸存放錄製內容的光碟表面。

Blu-ray 光碟

- 如果很長一段時間不會使用產品，請從產品中取出 Blu-ray 光碟並將它裝在盒子裏。
- 請務必小心，不要在 Blu-ray 光碟的表面留下指 紋或劃痕。

DVD-VIDEO, Audio CD (CD-DA)

- 使用柔軟的布料擦掉光碟上的灰塵或髒物。

光碟儲藏

請務必小心，不要損壞光碟，因爲這些光碟上的資料很容易受到環境影響。

- 請勿放在陽光直射處。
- 請放在陰涼通風處。
- 垂直存放。
- 請放在乾淨的保護套內。
- 如果您突然將產品從很冷的地方搬到很暖和的地方，則可能會在操作部件和鏡頭上產生冷凝，從而導致光碟播放異常。 如果發生這種情況，請等待兩個小時，然後再將插頭連接至電源插座。然後再次插入光碟並嘗試播放。

處理注意事項

- 切勿用圓珠筆或鉛筆在印刷面寫字。
- 切勿使用錄製清潔劑或防靜電噴霧劑。
此外，切勿使用苯或稀釋劑等揮發性化學品。
- 切勿將標籤或標貼貼到光碟上。
（切勿使用粘有裸露膠布或殘留脫落標貼的光碟。）
- 切勿使用防劃保護膜或覆蓋層。
- 切勿使用市場上出售的標籤打印機印制的光碟。
- 請勿裝入扭曲或刮花的光碟。
- 在將其他組件連接到本產品前，
請務必將它們關閉。
- 切勿在播放光碟時搬動產品，因爲光碟可能會被刮花或破壞，或者產品的內部部件可能會被損壞。
- 切勿將盛滿水的花瓶或任何細小的金屬物件放在產品上。
- 請務必小心，不要將您的手放到光碟托盤中。
- 切勿將光碟以外的物件放入光碟托盤中。
- 諸如閃電或靜電等外部干擾可能造成本產品不能正常工作。
如果出現這樣的情形，請關閉產品，然後使用 **POWER** 按鈕重新打開，或斷開 AC 電源線和 AC 電源插座的連接然後重新將其連接。
本產品將會正常工作。
- 請確保在使用後將光碟取出並關閉產品。
- 如果您有很長一段時間不會使用本產品，斷開 AC 電源線和 AC 電源插座的連接。
- 若要清潔光碟，請從光碟的內部到外部直線擦拭。

- 切勿使產品碰到水。
- 如果將交流插頭插入牆壁插座，在關閉產品機後它仍然通著電（待機模式）。
- 本裝置不可遭受水滴或濺到水，並且不要在裝置上放置任何盛滿水的物體 (例如花瓶)。
- 電源插頭用作斷開連接裝置，應始終處於隨時準備好使用狀態。

櫥櫃維護

爲了安全起見，請務必斷開 AC 電源線和 AC 電源插座的連接。

- 切勿使用苯、稀釋劑或其他溶劑來進行清潔。
- 使用柔軟的布料擦拭櫥櫃。

播放限制

- 本產品可能無法回應所有操作指令，因爲一些 Blu-ray、DVD 和 CD 光碟在播放期間只允許特定或有限的操作和功能。
請注意，這不是產品的缺陷。
- Samsung 不能保證本產品可以播放帶有 Blu-ray、DVD 或 CD 標誌的每張光碟，因爲光碟格式不斷發展，而且在建立 Blu-ray 光碟、DVD、CD 軟件及/或生產光碟時可能會出現問題和發生錯誤。
如果您在本產品中播放 Blu-ray、DVD 或 CD 光碟時遇到問題，請與 SAMSUNG 客戶中心聯絡。 此外，請參閱本使用者手冊的餘下部分以取得有關播放限制的其他資訊。

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入門指南

在使用本使用者手冊之前

光碟類型和可以播放的內容。

術語	標誌	圖示	定義
BD-ROM		BD-ROM	此項涉及在 BD-ROM 光碟上可以使用的功能。
BD-RE/-R		BD-RE/-R	此項涉及在以 BD-RE 格式錄製的 BD-RE/-R 光碟上可以使用的功能。
DVD-VIDEO		DVD-VIDEO	此項涉及在 DVD-VIDEO 光碟上可以使用的功能。
DVD-RW(V)		DVD±RW/±R	此項涉及已錄製然後最終化的已錄製 DVD+RW 或 DVD-RW(V)/DVD-R/+R 光碟上可以使用的功能。
DVD-R			
DVD+RW			
DVD+R			
聲頻 CD		Audio CD	此項涉及在聲頻 CD-RW/-R（CD-DA 格式）上可以使用的功能。
MP3 WMA	-	MP3/WMA	此項涉及在 CD-RW/-R、DVD-RW/-R 光碟上或含有 MP3 或 WMA 內容的 USB 儲存媒體上可以使用的功能。
JPEG	-	JPEG	此項涉及在 CD-RW/-R、DVD-RW/-R 光碟上或含有 JPEG 內容的 USB 儲存媒體上可以使用的功能。
DivX MKV MP4	-	DivX/MKV/MP4	此項涉及在 CD-RW/-R、DVD-RW/-R 光碟上或含有 DivX, MKV, MP4 內容的 USB 儲存媒體上可以使用的功能。

✎ 附註

- 由於光碟類型或錄製條件的原因，本產品可能不能播放某些 CD-RW/-R 和 DVD-R 光碟。
- 如果 DVD-RW/-R 光碟未以 DVD 視訊格式正確錄製，它將不可播放。

不能播放的光碟類型

- HD DVD
- DVD-ROM/PD/MV 光碟等等
- DVD-RAM
- Super Audio CD（CD 層除外）
- DVD-RW（VR 模式）
- CVD/CD-ROM/CDV/CD-G/CD-I/LD（CD-Gs 只能播放聲頻，不能播放圖形。）
- 用於編寫的 3.9 GB DVD-R 光碟。

✎ 附註

- 在您所在地區以外購買的一些商業光碟和DVD光碟可能不能使用本產品播放。 播放這些光碟時，可能會顯示「無法播放此光碟。」或「無法讀取此光碟。請檢查光碟的區碼。」。
- 一些類型的光碟片可能無法播放，或者在進行特定操作時（例如執行角度變更和縱橫比調整時）無法播放。
  關於光碟的資訊已在光碟盒上詳細寫明。
  請在需要時參閱此資訊。
- 請勿讓光碟片變髒或刮花。
  錄製表面上的指紋、灰土、塵埃、刮花或香煙灰可能會使光碟無法用於播放。
- 播放 BD-J 標題時，與普通標題相比，加載時間可能稍長一些，可能某些功能執行起來很慢。
- 本產品可能無法回應所有操作指令，因爲 一些 Blu-ray、DVD 和CD 光碟在播放期 間只允許特定或有限的操作和功能。
  請注意，這不是產品的缺陷。
- Samsung 不能保證本產品可以播放帶有 Blu-ray、DVD 或 CD 標誌的每張光碟， 因爲光碟格式不斷發展， 而且在建立 Blu-ray 光碟、DVD、CD 軟件及/或生產光碟時可能 會出現問題 和發生錯誤。如果您在本產品中播放 Blu-ray、DVD 或 CD 光碟時遇到問題，請與 SAMSUNG 客戶中心聯絡。此外，請參閱本使用者手冊的餘下部分以取得有關播放限制的其他資訊。

Blu-ray 光碟相容性

Blu-ray 光碟是一種全新的演化格式。
相應地，可能存在光碟相容性問題。
並非所有光碟都相容，而且並非每張光碟都可以播放。
如需其他資訊，請參閱本使用者手冊中的「符合性和相容性」一節。

光碟類型

BD-ROM

此 Blu-ray 光碟只能播放。
本產品能播放預先錄製好的商業BD-ROM光碟。

BD-RE/-R

此 Blu-ray 光碟可以燒錄和播放。
本產品可以播放其他相容的 Blu-ray 光碟燒錄機燒錄的 BD-RE/-R 光碟。

DVD-VIDEO

- 本產品可以播放含有電影的預先錄製好的商業DVD光碟（DVD-VIDEO光碟）。
- 從雙層 DVD-VIDEO 光碟的第一層切換到第二層時，影像和聲音可能會出現短時間失真。
  這不是產品運作失常。

DVD-RW

本產品可以播放 DVD 視訊燒錄機燒錄並最終化的 DVD-RW 光碟。
能否播放可能取決於錄製條件。

DVD-R

本產品可以播放 DVD 視訊燒錄機燒錄並最終化的 DVD-R 光碟。
能否播放可能取決於錄製條件。

DVD+RW

- 本產品可以播放 DVD 視訊燒錄機燒錄並最終化的 DVD+RW 光碟。
  能否播放可能取決於錄製條件。

DVD+R

- 本產品可以播放 DVD 視訊燒錄機燒錄並最終化的 DVD+R 光碟。
  能否播放可能取決於錄製條件。

聲頻 CD (CD-DA)

- 本產品可以播放 CD-DA 格式聲頻 CD-RW/-R 光碟。
- 由於錄製條件的原因，本產品可能不能播放某些 CD-RW/-R 光碟。

CD-RW/-R

- 使用 700MB (80 分鐘) CD-RW/-R 光碟。
  如果可能，不要使用 800MB (90 分鐘)
  或以上光碟，因爲該光碟可能無法播放。
- 如果 CD-RW/-R 光碟未錄製爲已結束會話，則播放光碟的開頭時可能會延遲，或者所有已錄製的檔案都不能播放。
- 一些 CD-RW/-R 光碟可能不能使用本產品播放，具體視用於燒錄它們的裝置而定。 對於從 CD 燒錄到 CD-RW/-R 媒體上供個人使用的內容，是否可播放可能會因內容和光碟而異。

支援的檔案格式

視訊檔案支援

副檔名	容器	視訊轉碼器	聲頻轉碼器	解析度
*.avi	AVI	Divx 3.11/4.x/5.1/6.0	MP3 AC3 DTS WMA PCM	1920x1080
		XviD		1920x1080
		MP4v3		1920x1080
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP(wmv1)	MP3 AC3 DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		XviD		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 AC3 DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

音樂檔案支援

副檔名	容器	聲頻轉碼器	支援範圍
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	符合 WMA V10 * 取樣率 (kHz) - 8、11、16、22、32、44.1 和 48 * 位元速率 - 在 5kbps 到 384kbps 範圍內的所有位元速率

AVCHD（先進視訊轉碼器高清晰度）

- 本產品可以播放 AVCHD 格式的光碟。這些光碟一般在攝錄放影機中錄製和使用。
- AVCHD 格式是高解析度數碼視訊相機格式。
- MPEG-4 AVC/H.264 格式能夠以高於常見影像壓縮格式效率高的效率壓縮影像。
- 一些 AVCHD 光碟使用「x.v.Color」格式。
- 本產品可以播放使用「x.v.Color」格式的 AVCHD 光碟。
- 「x.v.Color」是 Sony Corporation 的商標。
- 「AVCHD」和 AVCHD 標誌是 Matsushita Electronic Industrial Co., Ltd. And Sony Corporation 的商標。

✎ 附註

- 一些 AVCHD 格式的光碟可能無法播放，具體視錄製條件而定。
  AVCHD 格式的光碟需要最終化。
- 與普通 DVD 攝錄放影機光碟相比，「x.v.Color」提供更寬的顏色範圍。
- 一些 DivX、MKV 和 MP4 格式的光碟可能不能播放，具體視視訊解析度和幀速率條件而定。

區域代碼

產品和光碟都按照地區進行編碼。
這些區域代碼必須相匹配才能播放光碟。
本產品的區碼在產品的後面板上列出。

光碟類型	區域代碼	地區
Blu-ray	A	北美洲、中美洲、南美洲、韓國、日本、台灣、香港和東南亞。
	B	歐洲、格陵蘭、法國各地區、中東、非洲、澳大利亞和紐西蘭。
	C	印度、中國、俄羅斯、中亞和南亞。
DVD-VIDEO	1	美國、美國領土和加拿大
	2	歐洲、日本、中東、埃及、南非、格陵蘭
	3	台灣、韓國、菲律賓、印尼、香港
	4	墨西哥、南美洲、中美洲、澳大利亞、新西蘭、太平洋群島、加勒比
	5	俄羅斯、東歐、印度、非洲大部分地區、北韓、 蒙古
	6	中國

版權

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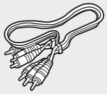
入門指南

可以播放的光碟的標誌

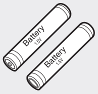
Blu-ray 光碟	3D Blu-ray 光碟	DTS-HD Master Audio	DivX
BD-LIVE	Dolby TrueHD	英國、法國、德國等國家的 PAL 廣播系統	Java

配件

請檢查下列隨附的配件。



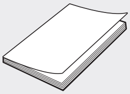
音頻/視頻 電纜



用於遙控器的電池（AAA 號）

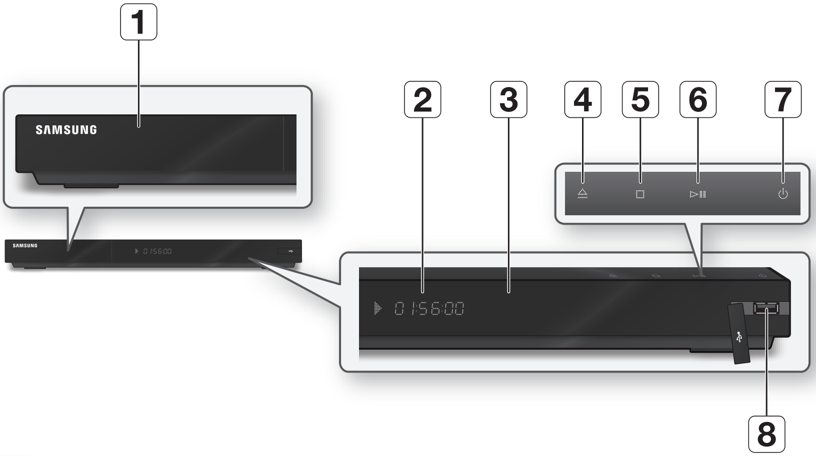
遙控器

無線 LAN 轉接器



使用手冊

前面板



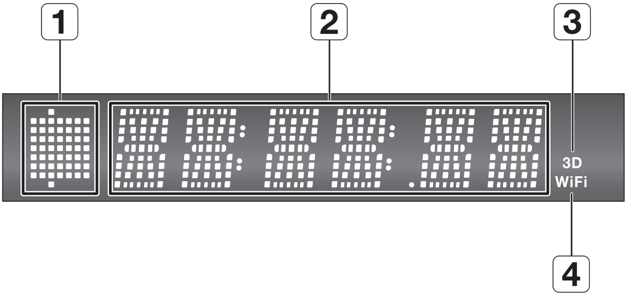
1	光碟托盤	開啓以接納光碟。
2	顯示螢幕	顯示播放狀態、時間等內容。
3	遙控器感應器	偵測來自遙控器的訊號。
4	打開/關閉 按鈕	打開和關閉光碟托盤。
5	停止 按鈕	停止光碟播放。
6	播放/暫停 按鈕	播放光碟或暫停播放。
7	電源 按鈕	打開和關閉產品。
8	USB HOST	可在此處連接 USB 快閃記憶棒，並在已連接到 BD-LIVE 時用作儲存媒體。 它也可以用於軟件升級和 MP3/JPEG/DivX/MKV/MP4 播放。 可在此處連接無線 LAN 轉接器 (WIS09ABGN) 以使用無線網絡。

✎ 附註

- 使用 USB Host 插孔進行軟件升級必須只使用 USB 快閃記憶棒進行。
- 功耗高於 500mA 的 USB 裝置需要獨立的電源裝置才能正常操作。
- 不能將 USB HDD 用作 BD 資料儲存媒體 (BD-LIVE)。

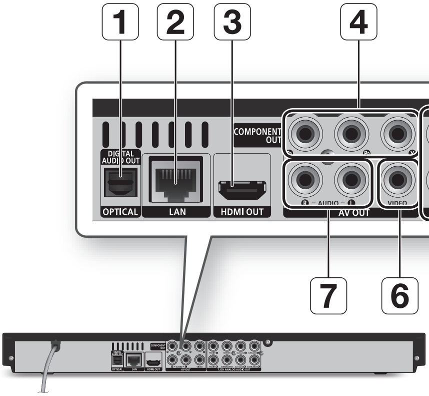
入門指南

前面板顯示



1	光碟在內指示燈	當插入或播放光碟時亮起。
2	目前時間和狀態指示燈	顯示播放時間和目前狀態。
3	3D 光碟指示燈	當插入或播放 3D 光碟時亮起。
3	WIFI 指示燈	當連接無線網絡時亮起。

後面板



1	DIGITAL AUDIO OUT (OPTICAL)	連接至接收器。
2	LAN	可用於網絡型服務 (請參閱第 53~58 頁)、BD-LIVE 和使用網絡連線進行的軟件升級。
3	HDMI OUT	使用 HDMI 電纜，將此 HDMI 輸出端子連接至電視的 HDMI 輸入端子以取得最佳品質的畫面，或連接至接收器以取得最佳品質的聲音。
4	COMPONENT OUT	連接至具有分量視訊輸入的裝置。
5	7.1CH ANALOG AUDIO OUT	連接至 A/V 擴音器上的 7.1 聲道類比輸入。 (連接到 5.1 聲道家庭影院或接收器時，連接本產品中的所有類比音頻輸出插孔環繞聲左後/環繞聲右後輸出除外)
6	VIDEO OUT	使用視訊電纜連接至外部裝置的輸入。
7	AUDIO OUT	使用音頻電纜連接至外部裝置的音頻輸入。

入門指南

遙控器

遙控器功能描述

打開和關閉產品。

使用此按鈕打開和關閉光碟托盤。

按此按鈕以使用 Bonusview 功能。

按數字按鈕以操作選項。

按此按鈕以切換 Blu-ray 光碟/DVD 的字幕語言。

按此按鈕以向後或向前跳過。

按此按鈕以停止光碟。

使用此按鈕以進入光碟功能表。

按此按鈕以移至主功能表。

按此按鈕以使用「工具」功能表。

返回前一個功能表。

按此按鈕以連結至各種 Internet@TV 服務。

按此項以在電視上進行全螢幕觀賞。

電視音量調節。

使電視的揚聲器靜音。

打開和關閉電視。
(要操作電視，請參閱第 19 頁)

設定完成後，您就可以在電視上設定輸入源。

使用此按鈕可使用光碟（Blu-ray光碟/DVD）上的各種不同的音頻功能。

按此項以向後或向前搜尋光碟。

按此按鈕以暫停光碟。

按此按鈕以播放光碟。

使用此按鈕以進入快顯功能表/標題功能表。

使用此按鈕以在播放 Blu-ray/DVD 光碟取期間顯示播放資訊。

選取功能表項目並變更功能表值。

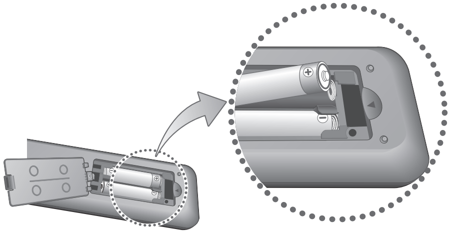
按此按鈕以結束功能表。

這些按鈕同時用於產品和多個 Blu-ray 光碟功能上的功能表。

允許您重複播放某一標題、章節、曲目或光碟。

使用此項以選取電視節目。

安裝電池



✎ **附註**

- 如果遙控器不能正常工作：
  - 請檢查電池的極性 +/– 是否安裝正確。
  - 請檢查電池是否耗盡。
  - 請檢查遙控器感應器是否被異物阻擋。
  - 請檢查產品附近是否有熒光干擾。

! 注意

- 使用者不能更換本產品內含的充電電池。
  如需替換產品的資訊，請造訪您的服務 提供商。

設定遙控器

可用此遙控器控制電視的某些功能。

按鈕	功能
TV POWER	用於打開和關閉電視。
TV SOURCE	用於選取連接至電視的外部來源。
TV VOL (+/ –)	用於調節電視的音量。
TV CH (∧/∨)	用於選擇所需的頻道。
TV MUTE	用於打開和關閉聲音。

✎ 附註

- 上面列出的功能並不是對於所有電視都起作用。如果您遇到問題，請直接操作電視或使用電視的遙控器。

若要判斷您的電視是否相容，請依照下面的說明操作。

1. 打開電視。
2. 將遙控器對準電視。
3. 按住 TV POWER按鈕並輸入對應於您的電視品牌的兩位數代碼(透過按相應的數字按鈕)。如果您的電視與遙控器相容，它將會關閉。現在已對它進行編程以使用遙控器操作。

✎ 附註

- 如果對您的電視品牌列出幾個代碼，請逐一嘗試，直到找到可以使用的代碼爲止。
- 如果您更換遙控器的電池，必須再次設定品牌代碼。

可控制的電視代碼

品牌	代碼
SAMSUNG	TV POWER+01, +02, +03, +04, +05, +06, +07, +08, +09
AIWA	TV POWER+82
ANAM	TV POWER+10, +11, +12, +13, +14, +15, +16, +17, +18
BANG & OLUFSEN	TV POWER+57
BLAUPUNKT	TV POWER+71
BRANDT	TV POWER+73
BRIONVEGA	TV POWER+57
CGE	TV POWER+52
CONTINENTAL EDISON	TV POWER+75
DAEWOO	TV POWER+19, +20, +23, +24, +25, +26, +27, +28, +29, +30, +31, +32, +33, +34
EMERSON	TV POWER+64
FERGUSON	TV POWER+73
FINLUX	TV POWER+06, +49, +57
FORMENTI	TV POWER+57
FUJITSU	TV POWER+84
GRADIENTE	TV POWER+70
GRUNDIG	TV POWER+49, +52, +71
HITACHI	TV POWER+60, +72, +73, +75
IMPERIAL	TV POWER+52
JVC	TV POWER+61, +79
LG	TV POWER+06, +19, +20, +21, +22, +78
LOEWE	TV POWER+06, +69
LOEWE OPTA	TV POWER+06, +57
MAGNAVOX	TV POWER+40
METZ	TV POWER+57
MITSUBISHI	TV POWER+06, +48, +62, +65
MIVAR	TV POWER+52, +77
NEC	TV POWER+83
NEWSAN	TV POWER+68

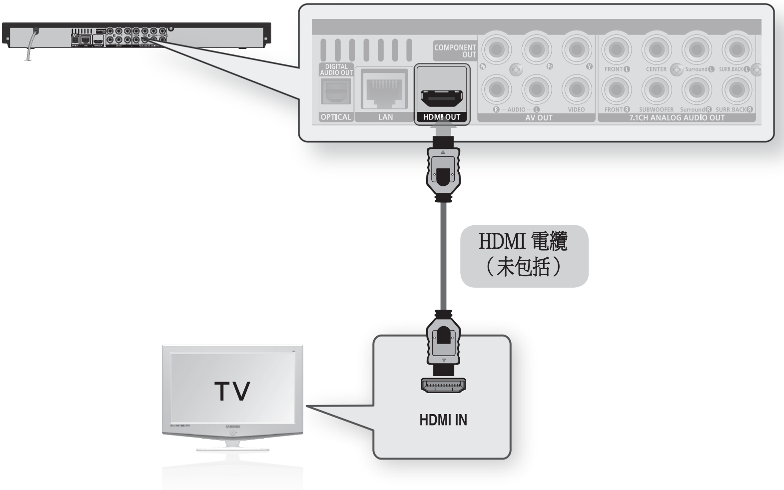
品牌	代碼
NOBLEX	TV POWER+66
NOKIA	TV POWER+74
NORDMENDE	TV POWER+72, +73, +75
PANASONIC	TV POWER+53, +54, +74, +75
PHILIPS	TV POWER+06, +55, +56, +57
PHONOLA	TV POWER+06, +56, +57
PIONEER	TV POWER+58, +59, +73, +74
RADIOLA	TV POWER+06, +56
RADIOMARELLI	TV POWER+57
RCA	TV POWER+45, +46
REX	TV POWER+74
SABA	TV POWER+57, +72, +73, +74, +75
SALORA	TV POWER+74
SANYO	TV POWER+41, +42, +43, +44, +48
SCHNEIDER	TV POWER+06
SELECO	TV POWER+74
SHARP	TV POWER+36, +37, +38, +39, +48
SIEMENS	TV POWER+71
SINGER	TV POWER+57
SINUDYNE	TV POWER+57
SONY	TV POWER+35, +48
TELEAVA	TV POWER+73
TELEFUNKEN	TV POWER+67, +73, +75, +76
THOMSON	TV POWER+72, +73, +75
THOMSON ASIA	TV POWER+80, +81
TOSHIBA	TV POWER+47, +48, +49, +50, +51, +52
WEGA	TV POWER+57
YOKO	TV POWER+06
ZENITH	TV POWER+63

連接

連接到電視

個案 1： 使用 HDMI 電纜連接至電視 – 最佳品質 (建議)

1. 使用 HDMI 電纜，將產品後面的 **HDMI OUT** 端子連接到電視的 **HDMI IN** 端子。
2. 打開產品和電視。
3. 按下您的電視遙控器上的輸入選擇器，直到來自產品的 HDMI 訊號出現在電視屏幕上。
   - 如果您已設定遙控器以操作您的電視 (請參閱第 19 頁)，請按遙控器上的 **TV SOURCE** 按鈕並選取 HDMI 作爲電視的外部來源。

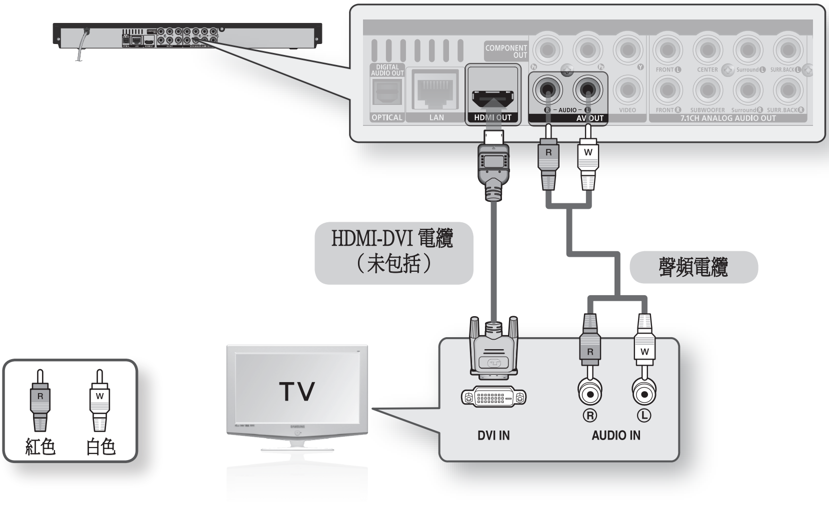


✎ 附註

- HDMI 電纜輸出數碼視訊/音頻，因此不需要連接音頻電纜。
- 如果以 HDMI 720p, 1080i, 1080p 模式將產品連接至您的電視，則必須使用高速 (類別 2) HDMI 電纜。
- HDMI 僅將純數碼訊號輸出到電視。
  如果電視不支援 HDCP（高頻寬數碼內容保護），畫面上將出現雪花噪訊。
- 視您的電視而定，某些 HDMI 輸出解析度可能不起作用。 請參閱電視的使用手冊。
- 用 HDMI 電纜線第一次將產品連接到電視或連接到新電視時，HDMI 輸出解析度將自動設定爲電視支援的最高值。
- 必須具有 HDMI 連線才能欣賞採用 3D 技術的視訊。
- HDMI 電纜很長可能會導致螢幕雜訊。 如果出現這種情況，請在功能表中將深色設定爲關閉。

個案 2： 使用 DVI 電纜連接至電視 – 最佳品質 (建議)

1. 使用 HDMI-DVI 電纜，將產品後面的 **HDMI OUT** 端子連接到電視的**DVI IN** 端子。
2. 使用聲頻電纜，將產品後面的 **AUDIO OUT**（**紅色和白色**）端子連接到電視的**AUDIO IN**（**紅色和白色**）端子。
3. 打開產品和電視。
4. 按下您的電視遙控器上的輸入選擇器，直到來自產品的 DVI 訊號出現在電視屏幕上。
   - 如果您已設定遙控器以操作您的電視 (請參閱第 19 頁)，請按遙控器上的 **TV SOURCE** 按鈕並選取 HDMI 作爲電視的外部來源。



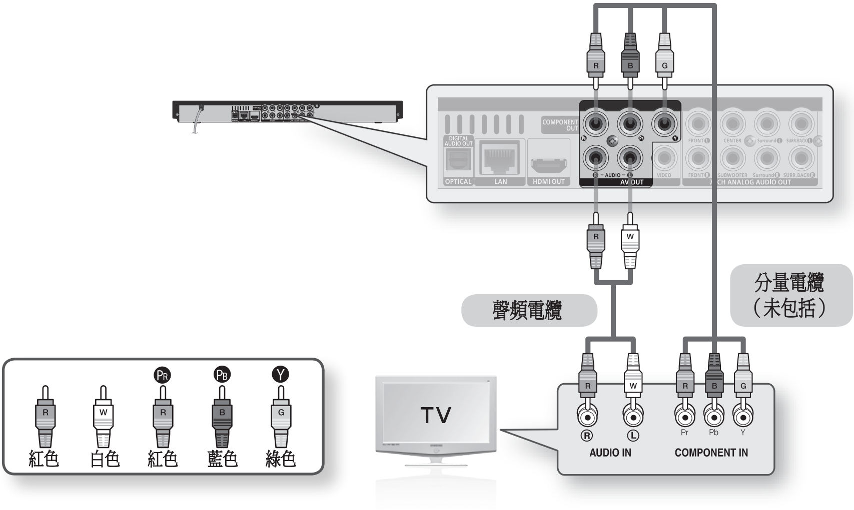
✎ 附註

- HDMI 僅將純數碼訊號輸出到電視。 如果電視不支援 HDCP（高頻寬數碼內容保護），畫面上將出現雪花噪訊。
- 視您的電視而定，某些 HDMI 輸出解析度可能不起作用。 請參閱電視的使用手冊。
- 用 HDMI-DVI 電纜第一次將產品連接到電視或連接到新電視時，HDMI 輸出解析度將自動設定爲電視支援的最高值。

個案 3： 連接至電視 (分量) – 較佳品質

- 使用分量視頻電纜連接到您的電視。
- 您將享受精確的彩色再現的高品質影像。 分量視頻將畫面元素分離為黑色和白色 (Y) 訊號、藍色 (PB) 訊號以及紅色 (PR) 訊號以呈現清晰和純淨的影像。（音頻訊號通過音頻輸出傳送。）

1. 使用分量視訊電纜，將產品後面的 **COMPONENT VIDEO OUT**連接到電視的 **COMPONENT IN**端子。
2. 使用聲頻電纜，將產品後面的 **AUDIO OUT**（**紅色和白色**）端子連接到電視的 **AUDIO IN**（**紅色和白色**） 端子。
3. 打開產品和電視。
4. 按下您的電視遙控器上的輸入選擇器，直到來自產品的「COMPONENT」訊號出現在電視屏幕上。
   - 如果您已設定遙控器以操作您的電視 (請參閱第 19 頁)，請按遙控器上的 **TV SOURCE** 按鈕並選取 COMPONENT 作為電視的外部來源。

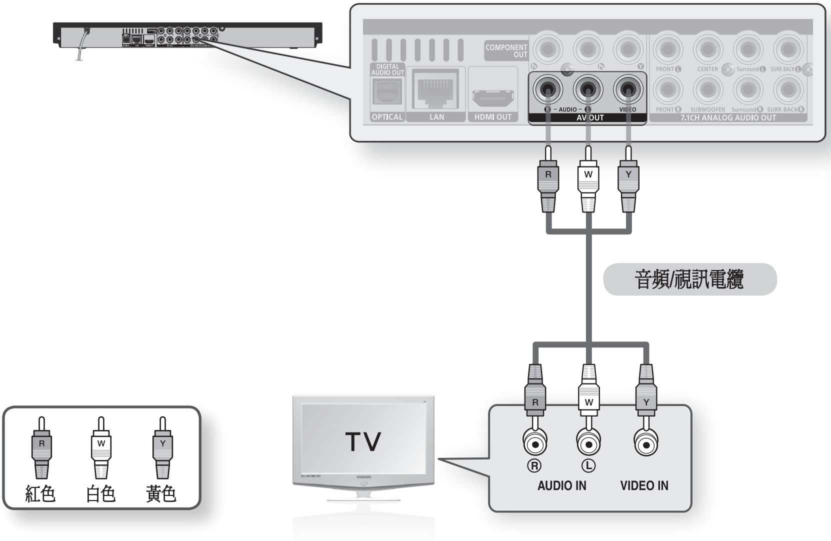


✎ **附註**

- 視製造商而定，電視的分量視頻端子可能標記為「R-Y, B-Y, Y」或「Cr, Cb, Y」而非「PB, PR, Y」。視電視機的不同，終端的數量和位置可能有所不同。
  請參閱電視的使用手冊。
- 可以從 Blu-ray 光碟的許多解析度設定中進行選取，例如 1080i、720p、576p/480p、576i/480i，視光碟類型而定。（請參閱第 32~33 頁）
- 如果同時連接了分量視頻電纜和 HDMI 電纜，則實際解析度可能與設定功能表中的設定不同。
  解析度也可能會視光碟的不同而不同 (請參閱第 32~33 頁)
- 在 DVD 播放中，如果同時連接 HDMI 和分量插孔並且您選取分量 1080p、1080i 或 720p 模式， 則「顯示設定」功能表會在功能表中將輸出解析度顯示為 1080p、1080i 或 720p。
  解析度實際上是 576i/480i。

個案 4： 連接至電視 (視訊) – 一般品質

1. 使用視訊/音頻電纜，將產品後面的 VIDEO OUT（**黃色**）/ AUDIO OUT（**紅色和白色**）端子連接到電視的 VIDEO IN（**黃色**）/ AUDIO IN（**紅色和白色**）端子。
2. 打開產品和電視。
3. 按下您的電視遙控器上的輸入選擇器，直到來自產品的「VIDEO」訊號出現在電視屏幕上。
   - 如果您已設定遙控器以操作您的電視 (請參閱第 19 頁)，請按遙控器上的 TV SOURCE 按鈕並選取 VIDEO 作爲電視的外部來源。



✎ 附註

- 如果音頻電纜與電源電纜過於靠近，則可能產生噪音。
- 如果您想連接到一個擴音機，請參閱「擴音機連接」頁。（請參閱第 24~26 頁）
- 視電視的不同，端子的數量和位置可能有所不同。 請參閱電視的使用手冊。
- 如果電視上有一個音頻輸入終端，將其連接到產品的 AUDIO OUT（右邊/白色）端子。

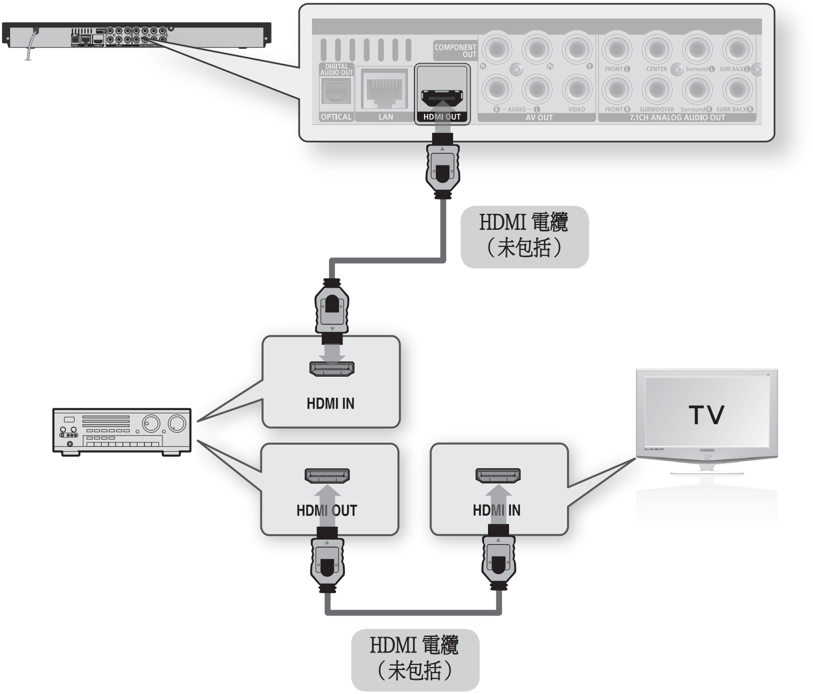
連接

連接到音頻系統

- 當您打開擴音機時，請調低音量。 突然的巨大聲響可能對揚聲器和您的耳朵造成損害。
- 請根據擴音機在功能表屏幕上設定音頻。 （請參閱第 34~36 頁）
- HDMI 端子的位置可能會因擴音機而異。 請參閱擴音機的使用手冊。

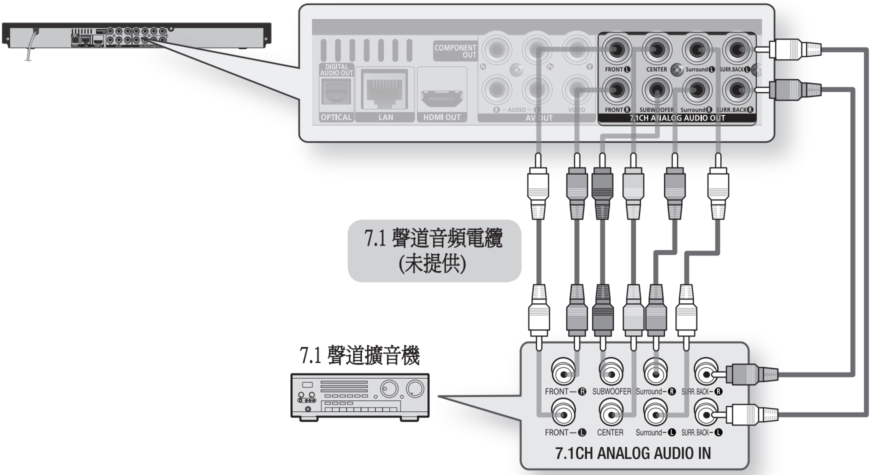
個案 1： 連接到音頻系統 (支援 HDMI 的擴音機) – 最佳品質 (建議)

1. 使用 HDMI 電纜，將產品後面的 **HDMI OUT** 端子連接到擴音機的 **HDMI IN** 端子。
2. 使用 HDMI 電纜，將擴音機的 **HDMI OUT** 端子連接到電視的 **HDMI IN** 端子。
3. 打開產品、電視和擴音機。
4. 按下擴音機的輸入選取按鈕以選取外接式輸入，以便聆聽來自產品的聲音。
   請參閱您的擴音機使用手冊以設定擴音機的聲頻輸入。



個案 2： 連接到音頻系統（7.1 聲道擴音機）– 較佳品質

1. 使用 7.1 聲道電纜，將產品後面的 7.1CH ANALOG AUDIO OUT 端子連接到擴音機的 7.1CH ANALOG AUDIO IN 端子。
2. 使用視頻訊號電纜，將產品後面的 HDMI、COMPONENT 或 VIDEO OUT 端子連接到電視上的 HDMI、COMPONENT 或 VIDEO IN 端子。（請參閱第 20~23 頁）
3. 打開產品、電視和擴音機。
4. 按下擴音機的輸入選取按鈕以選取外接式輸入，以便聆聽來自產品的聲音。
   請參閱您的擴音機使用手冊以設定擴音機的聲頻輸入。



✎ 附註

- 必須連接產品和 7.1 聲道擴音機上的前面左右兩個輸出才能聆聽某些 Blu-ray 光碟中的光碟選單音訊。
- 使用 7.1 聲道音頻電纜連接 7.1CH ANALOG AUDIO OUT 端子時，建議將數碼輸出設定爲 PCM。（請參閱第 34 頁）
- 連接到 5.1 聲道家庭影院或接收器時，連接本產品中的所有類比音頻輸出插孔環繞聲左後/環繞聲右後輸出除外

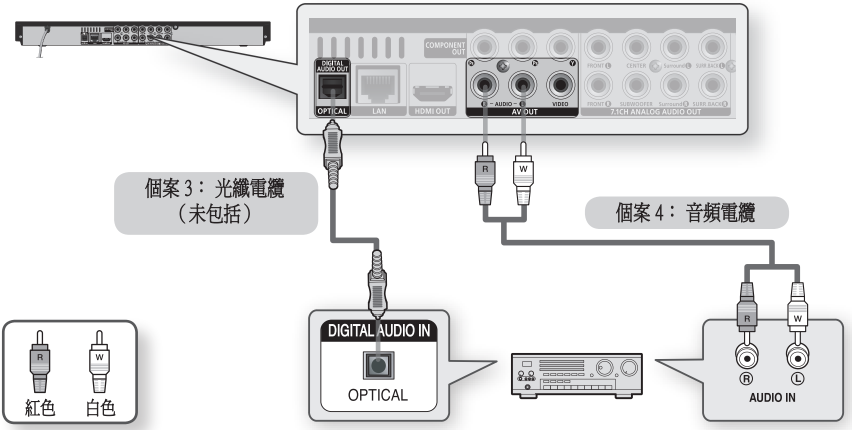
連接

個案 3： 連接到音頻系統 (Dolby Digital，DTS 擴音機) – 較佳品質

1. 如果使用光纖電纜，將產品後面的 DIGITAL AUDIO OUT (OPTICAL) 端子連接到擴音機的DIGITAL AUDIO IN (OPTICAL) 端子。
2. 使用視頻訊號電纜，將產品後面的 HDMI、COMPONENT 或 VIDEO OUT 端子連接到電視上的 HDMI、COMPONENT 或 VIDEO IN 端子。（請參閱第 20~23 頁）
3. 打開產品、電視和擴音機。
4. 按下擴音機的輸入選取按鈕以選取外接式輸入，以便聆聽來自產品的聲音。請參閱您的擴音機使用手冊以設定擴音機的聲頻輸入。

個案 4： 連接到音頻系統（2 聲道擴音機）– 一般品質

1. 使用聲頻電纜，將產品後面的 AUDIO OUT（紅色和白色）端子連接到擴音機的 AUDIO IN（紅色和白色） 端子。
2. 使用視頻訊號電纜，將產品後面的 HDMI、COMPONENT 或 VIDEO OUT 端子連接到電視上的 HDMI、COMPONENT 或 VIDEO IN 端子。（請參閱第 20~23 頁）
3. 打開產品、電視和擴音機。
4. 按下擴音機的輸入選取按鈕以選取外接式輸入，以便聆聽來自產品的聲音。請參閱您的擴音機使用手冊以 設定擴音機的聲頻輸入。



✎ 附註

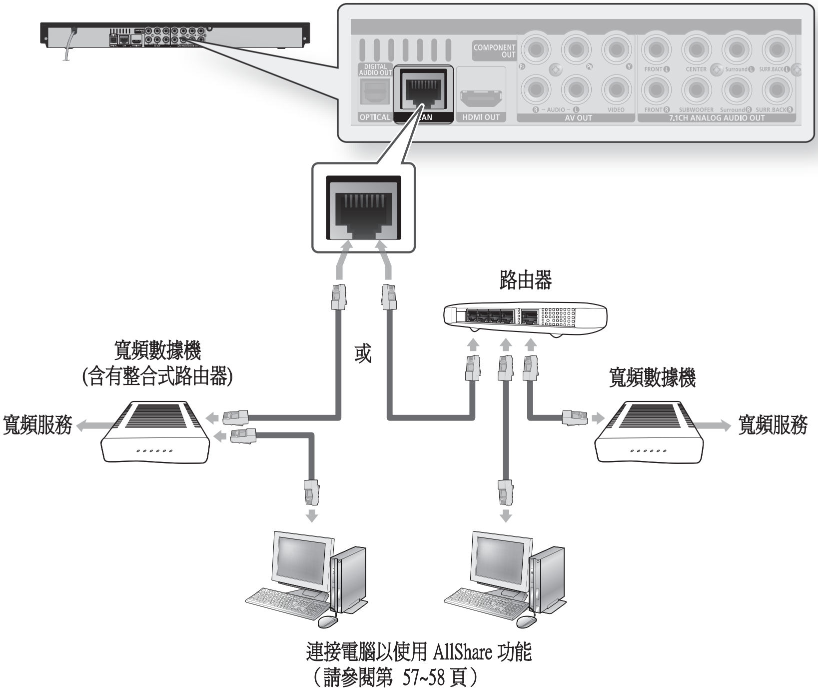
- 如果使用在個案 3 中所述的數碼音頻連線，則只能透過前面兩個揚聲器聆聽含有 PCM 音頻聲道的光碟。

連接到網絡

本產品可讓您觀賞網絡型服務 (請參閱第 53~58 頁)，例如 Internet@TV 和 BD-LIVE，在建立網絡連線後還可讓您接收軟件升級。 建議使用 AP(存取點) 或 IP 路由器進行連線。 如需有關路由器連線的詳細資訊，請參閱路由器的使用手冊或與路由器製造商聯絡以獲得技術協助。

電纜網絡

1. 使用直接 LAN 電纜（UTP 電纜），將產品的 LAN 端子連接到數據機的 LAN 端子。
2. 設定網絡選項。 （請參閱第 38~42 頁）



✎ 附註

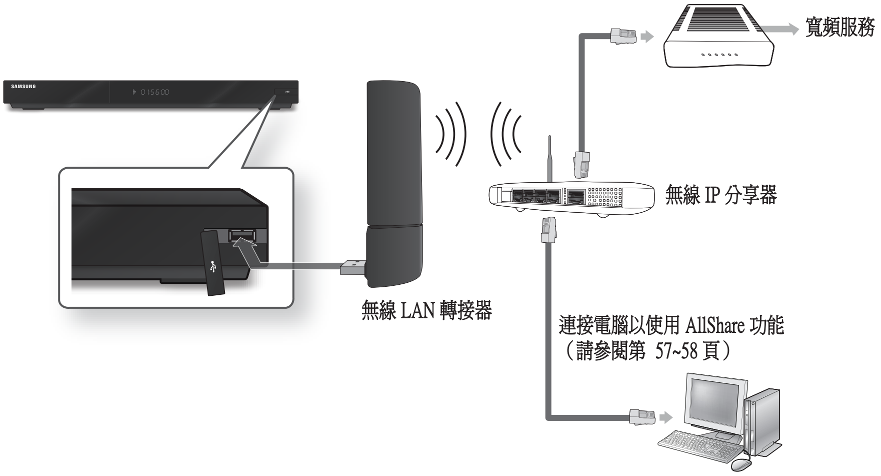
- 可能不允許對 Samsung 的軟件更新伺服器進行網際網路，具體視您使用的路由器或 ISP 的政策而定。如需詳細資訊，請與 ISP (網際網路服務提供者) 聯絡。
- 對於 DSL 使用者，請使用路由器建立網絡連線。
- 如需使用 AllShare 功能，必須按圖中所示連接網絡中的電腦。可以採用有線或無線連接。

連接

無線網絡

您可以藉由無線 IP 分享器連接至網絡。

1. 建立無線網絡連線需要無線 AP/IP 路由器。 將無線 LAN 轉接器連接至產品前面板上的 **無線 LAN 轉接器** 連接埠。
2. 設定網絡選項。 (請參閱第 38~42 頁)



✎ 附註

- **僅將 Samsung 無線 LAN 轉接器與本產品搭配使用。 (型號名稱： WIS09ABGN)。**
  切勿將本轉接器與任何其他協力廠商產品搭配使用。
  如要購買無線 LAN 轉接器，請與產品的經銷商聯絡。
- 必須使用支援 IEEE 802.11 a/b/g/n 的無線 IP 分享器。(n 是建議的無線網絡的穩定操作。)
- 由於本質原因，無線 LAN 會導致干擾，具體視使用條件而定 (AP 效能、距離、阻擋物、其他無線電裝置干擾等等)。
- 將無線 IP 分享器設定爲「基礎結構」模式。 不支援點對點傳輸模式。
- 套用 AP (無線 IP 分享器) 的安全金鑰時，只支援下列各項。

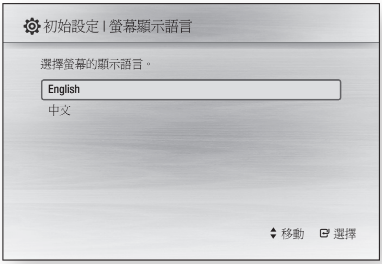
  1) 驗證模式： WEP, WPAPSK, WPA2PSK

  2) 加密類型： WEP, AES
- 如需使用 AllShare 功能，必須按圖中所示連接網絡中的電腦。
  可以採用有線或無線連接。

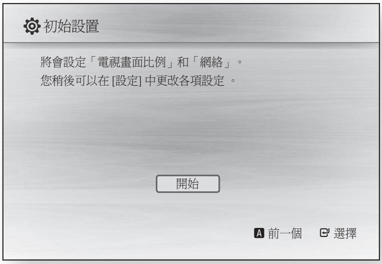
設定

開始之前 (初始設定)

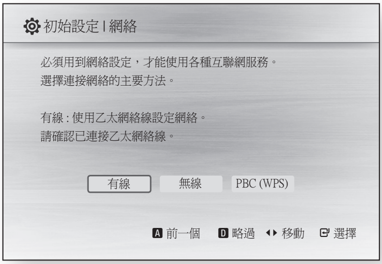
1. 在連接產品之後開啓電視。
(首次將產品連接至電視時時間，產品將自動開啓並將顯示初始設定畫面。)



2. 按下▲▼ 按鈕以選取所需的語言，然後按 **確認** 按鈕。
3. 按 **確認** 按鈕選取 **開始** 按鈕。



4. 按 ▲▼ 按鈕以選取所需的電視縱橫比， 然後按 **確認** 按鈕。 （請參閱第 32 頁）



5. 按 ◀▶ 按鈕選取所需的 網絡設置： **有線**、**無線** 或 PBC (WPS)，然後按 **確認** 按鈕。
如果您不瞭解網絡設置， 請改爲按下遙控器上的**藍色(D)** 按鈕略過此處的網絡設置，完成初始設定，然後移至主功能表。
如果選取網絡設置，請移至第 38~42 頁，以瞭解網絡設置的詳細資訊。 完成後，移至步驟 6。
6. 按下 OK 按鈕。
將會顯示主功能表。 如需主功能表的詳細資訊，請參閱第 30 頁。

- 主功能表

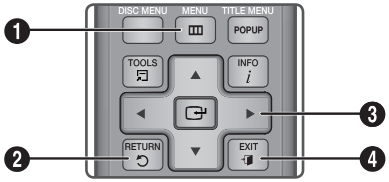
✎ 附註

- 首次將產品連接至電視時，產品將自動打開。这不是功能异常。
- 如果不配置初始設定，則不會顯示主 功能表。
- 如果在網絡設置期間按**藍色(D)** 按鈕，則可以進入主功能表，即使網絡設置尙未完成也是如此。
- 返回到主功能表後，將會自動取消全螢幕 模式。
- 如果要再次顯示 初始設定 畫面以進行變更，請在未插入光碟的情況下，按產品前面板上的 **停止** (■) 按鈕 5 秒鐘以上。

設定

- 使用 HDMI 電纜將產品連接到 **Anynet+ (HDMI-CEC)** 相容的 Samsung 電視。
  如果電視使用產品支援的語言，則會自動將該語言設定爲首選語言。
  爲了實現這一點，應在電視和產品中將 **Anynet+(HDMI-CEC)** 功能設定爲**開啓**。
- 如果產品停留在停止模式超過 5 分鐘沒有使用，屏幕保護程序將出現在 電視上。 如果產品停留在屏幕保護程序模式超過 25 分鐘， 電源會自動關閉。

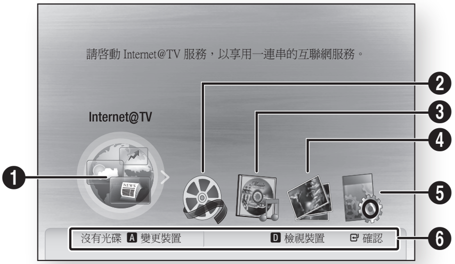
設定功能表



❶	MENU 按鈕 : 按此按鈕以移至主功能表。
❷	RETURN 按鈕 : 返回前一個功能表。
❸	**確認/方向** 按鈕 : 移動游標或選取項目。 選取目前選定的項目。 確認設定。
❹	EXIT 按鈕 : 按此按鈕以結束功能表。

1. 按 POWER 按鈕。
   主功能表將會出現。

• **主功能表**



❶	選取 Internet@TV。
❷	選取視頻。
❸	選取音樂。
❹	選取相片。
❺	選取設定。
❻	顯示可以使用的按鈕。

2. 按 ◄► 按鈕選取 **設定**，然後按 **確認** 按鈕。
3. 按 ▲▼ 按鈕以選取所需的子功能表， 然後按 **確認** 按鈕。
4. 按 ▲▼ 按鈕選取所需項目，然後按 **確認** 按鈕。
5. 按 EXIT 按鈕結束功能表。

✎ **附註**

- 將產品連接到網絡時，請從主功能表 中選取 Internet@TV。
  從 Samsung Apps 下載所需的內容。
  （請參閱第 56 頁）
- 進入步驟可能會因選定的功能表而異。
- 升級軟件版本後，本產品中的 OSD (螢幕顯示) 可能會變更。

顯示

可以配置各種顯示選項，例如電視縱橫比、解析度等等。

3D

選取是否以 3D 模式播放含有 3D 內容的 Blu-ray 光碟。

3D模式

- **自動** : 如果產品偵測到支援 3D 的電視，則會以 3D 模式播放 3D Blu-ray 光碟。 如果產品偵測到不支援 3D 的電視，則會以 2D 模式播放。
- **3D** : 在任何時候都以 3D 模式播放 3D Blu-ray 光碟。 如果電視不支援 3D Blu-ray 光碟，則播放畫面可能是黑色的。
- **2D** : 在任何時候都以 2D 模式播放 3D Blu-ray 光碟。 要觀看沒有 3D 效果的圖片時，或者電視不支援 3D Blu-ray 光碟時，請選取此選項。

✎ **附註**

- 如果在 3D 光碟播放期間按**停止** (■) 按鈕一次，將不會停用 3D 模式選項。
  若要在 3D 光碟播放期間啓動 3D 模式選項，請按**停止** (■) 按鈕兩次。
- 根據內容及其播放位置，可能會在左邊及/或右邊看到垂直的黑條。

電視螢幕大小

可讓您輸入電視的實際螢幕尺寸，以便產品可以根據螢幕尺寸調整影像，顯示最佳的 3D 影像。
（本產品允許的最大螢幕尺寸是 116 英吋。）

! 注意

- 如果要欣賞 3D 內容，請將 3D 裝置 (3D 相容 AV 接收器或電視) 連接到產品，戴上 3D 眼鏡再播放 3D 內容。
- 觀看 3D 視訊時，將會自動阻止所有類比分量和複合視訊訊號。
- 所有 3D 訊號都只支援使用 HDMI 電纜並透過 HDMI 輸出連接埠來輸出。
- 因爲在 3D 播放模式中，視訊解析度是根據原始 3D 視訊固定的，所以無法將解析度變更爲您偏好的解析度。
- 在 3D 播放模式中，一些功能 (例如 BD Wise 或設定螢幕尺寸或解析度) 可能無法操作。
- 必須使用高速 HDMI 電纜才能正確輸出 3D 訊號。
- 請在距離電視 3 倍於螢幕長度的地方觀看。
  - 建議將 3D 電視螢幕放在前面，與眼睛同高。
- 如果將產品連接到一些 3D 裝置，3D 效果可能無法正常起作用。
- 不能使用本產品來將 2D 內容切換爲 3D。

設定

電視畫面比例

視您電視的類型而定，您可能要調校屏幕設定。

• 16:9 標準螢幕	
	如果選取 16:9 normal，則某些影片 (4:3 來源) 將以 4:3 Pillarbox (畫面個邊上有黑條)。
• 16:9 寬螢幕	
	您可以在您的寬屏幕電視上檢視完整 16:9 畫面。
• 4:3 信箱模式	
	即使您的電視只有 4:3 比例屏幕，您也可以觀賞 Blu-ray 光碟/DVD 光碟提供的完整 16:9 比例畫面。黑邊將會顯 示在屏幕的上部和下部。
• 4:3 全景	
	當您只有 4:3 比例螢幕的電視， 但想觀賞 Blu-ray 光碟/DVD 光碟提供的完整 16:9 影片且頂部和底 部不帶黑條時， 請選取此項。

✎ 附註

- 視光碟類型的不同，某些縱橫比可能 不可用。
- 如果選取不同於電視縱橫比的縱橫比選項，則圖像可能會變形。
- 如果選取 4:3 全景 或 4:3 信箱模式，則按遙 控器上的 FULL SCREEN 按鈕將看不到全螢幕。
- 如果選取 16:9 標準螢幕，則可能會顯示 4:3 Pillarbox。
  在此情況下，按遙控器上的 FULL SCREEN 按鈕將看不到全螢幕。

BD Wise (僅限 Samsung 產品)

BD Wise 是 Samsung 最新的內部連接功能。

可以透過 HDMI 將具有 BD Wise 的 Samsung 產品互連，將自動設定最佳解析度。

- **開啓** : 會將 BD/DVD 光碟的原始解析度輸出到電視。
- **關閉** : 不管光碟的解析度爲何，將根據先前設定的 解析度 固定輸出解析度。

✎ 附註

- 如果要在 BD Wise 中變更解析度， 則必須事先將 BD Wise 設定爲 **關閉**。
- 如果關閉 BD Wise，則會自動將連接的電視的解析度調整爲其最大解析度。
- 如果將產品連接至不支援 BD Wise 的裝置，則不能使用 BD Wise 功能。
- 爲了 BD Wise 正常操作，請在產品和電視 上都將 BD Wise 功能表設定爲 **開啓**。

解像度

設定分量和 HDMI 視訊訊號的輸出解析度。

1080p、1080i、720p、576p/480p 和 576i/480i 中的數字表示視訊的行數。
i和p分別表示隔行和逐行。

- **自動** : 產品自動檢查並設定最佳解析度。
- **BD Wise** : 當透過 HDMI 連接至具有 BD Wise 功能的電視時，自動設定最佳解析度。 (只有在將 BD Wise 設定爲 On 時，BD Wise 功能表才會出現。)
- **1080p** : 輸出1080逐行輸出。
- **1080i** : 輸出1080隔行輸出。
- **720p** : 輸出720逐行輸出。
- **576p/480p** : 輸出576/480逐行輸出。
- **576i/480i** : 輸出576/480隔行輸出。

根據輸出模式的解析度

- Blu-ray 光碟播放

設定 \ 輸出	HDMI 已連接		HDMI 未連接	
	HDMI 模式	分量/影片模式	分量模式	影片模式
自動	最佳解析度	576i/480i	-	-
1080p，電影幀 (24F) 關閉	1080p@60F	576i/480i	-	-
1080p/1080i，電影幀 (24F) 開啓	1080p@24F	576i/480i	-	-
1080p，電影幀 (24F) 關閉	1080i	576i/480i	1080i	576i/480i
720p	720p	576i/480i	720p	576i/480i
576p/480p	576p/480p	576i/480i	576p/480p	576i/480i
576i/480i	-	-	576i/480i	576i/480i

- DVD 播放

設定 \ 輸出	HDMI 已連接		HDMI 未連接	
	HDMI 模式	分量/影片模式	分量模式	影片模式
自動	最佳解析度	576i/480i	-	-
1080p	1080p@60F	576i/480i	-	-
1080i	1080i	576i/480i	576p/480p	576i/480i
720p	720p	576i/480i	576p/480p	576i/480i
576p/480p	576p/480p	576i/480i	576p/480p	576i/480i
576i/480i	-	-	576i/480i	576i/480i

✎ 附註

- 如果連接的電視不支援電影幀或選取的解析度，訊息「如果在選擇後並未顯示畫面請稍候 15 秒。然後，解像度將會自動回復爲先前的值。要選擇嗎？」將會顯示。
  如果選取 **是** 但解析度不受支援， 則電視屏幕一片空白。 請等待 15 秒鐘， 然後解析度將自動恢復爲先前的值。
- 如果屏幕一片空白，則按住產品前面的 **停止** (■) 按鈕 5 秒鐘以上（未插入光碟）。 所有設定將恢複爲出廠預設值。 遵循上一頁中的步驟訪問每種模式並選取 電視將支援的 顯示設定。
- 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。
- Blu-ray 光碟必須具有 24 幀功能才能使用電 影幀 (24Fs) 模式。
- 如果同時連接 HDMI 和 Component 插孔，並且您目前正在觀看分量輸出，解析度表和實際解析度之間可能會有一定的差別，具體視電視而定。

設定

HDMI 格式

透過選取連接的裝置類型，可以最佳化 HDMI 輸出的顏色設定。

- **TV** : 如果透過 HDMI 電纜線連接到電視， 則選取此項。
- **監視器** : 如果透過 HDMI 電纜線連接到監視器， 則選取此項。

電影幀率 (24 Fs)

將電影幀率 (24 Fs) 功能設定為 **開啓** 可讓您將產品的 HDMI 輸出調整為每秒 24 幀以改善畫質。只能在支援此幀頻的電視上享受電影幀率 (24 Fs) 功能。 此功能表只能在 1080i 或 1080p HDMI 輸出解析度模式中選取。

- **開啓** : 電影幀率 (24 Fs) 功能將會工作。
- **關閉** : 電影幀率 (24 Fs) 功能將不會工作。

✎ 附註

- 如果您的電視不支援電影幀率 (24 Fs) 功能，則會顯示快顯訊息。

漸進模式

設定以改善觀賞 DVD 時的畫面品質。

- **自動** : 選取此項以讓產品自動設定正在觀看的 DVD 的最佳畫質。
- **視頻** : 選取以使內容或電視節目 DVD 的畫質最佳。

靜止模式

設定暫停 DVD 播放時的產片顯示的畫面。

- **自動** : 根據內容自動顯示最佳靜止畫面。
- **幀** : 當暫停有小動作的場景時選取此項。
- **場** : 當暫停有許多動作的場景時選取此項。

HDMI 深色技術

設定是否帶 Deep Color 從 HDMI OUT 插孔輸出圖像。
Deep Color 用更深的色度提供更精確的顏色再現。

- **自動** : 將帶有 Deep Color 的圖像輸出到支援 HDMI Deep Color 的已連接電視。
- **關閉** : 將不帶 Deep Color 輸出圖像。

音頻

數碼輸出

根據連接的接收器設定 數碼輸出。 (如需更多詳細資料，請參閱下一頁的數碼輸出 選取)

- **PCM**
- **位元流 (Re-encode)**
- **位元流 (Audiophile)**

✎ 附註

- 請務必選取正確的 數碼輸出， 否則將聽不到聲音或只聽到很 大聲的雜音。
- 如果 HDMI 裝置（接收器，電視）與壓縮的格式 (Dolby digital, DTS) 不相容，則音訊信號輸出為 PCM。
- 將聽不到普通 DVD 的輔助和效果音頻。
- 一些 Blu-ray 光碟沒有輔助和效果音頻。
- 此 數碼輸出 設定不影響輸出到電視的類比 (L/R) 音頻或 HDMI 音頻。
  它影響連接到接收器時的光纖和 HDMI 音頻輸出。
- 如果播放 MPEG 音頻聲道， 則音頻訊號將輸出 PCM，不管 數碼輸出選取 (PCM 或Bitstream)。

數碼輸出選取

設定		PCM		位元流 (Re-encode)	位元流 (Audiophile)	
連線		HDMI 接收器	光纖	HDMI 接收器或光纖	HDMI 接收器	光纖
Blu-ray 光碟上的音頻流	PCM	最多 7.1 聲道	PCM 2ch	DTS 重新編碼	PCM	PCM 2ch
	Dolby Digital	最多 5.1 聲道	PCM 2ch	DTS 重新編碼	Dolby Digital	Dolby Digital
	Dolby Digital Plus	最多 7.1 聲道	PCM 2ch	DTS 重新編碼	Dolby Digital Plus	Dolby Digital
	Dolby TrueHD	最多 7.1 聲道	PCM 2ch	DTS 重新編碼	Dolby TrueHD	Dolby Digital
	DTS	最多 6.1 聲道	PCM 2ch	DTS 重新編碼	DTS	DTS
	DTS-HD HRA	最多 7.1 聲道	PCM 2ch	DTS 重新編碼	DTS-HD HRA	DTS
	DTS-HD MA	最多 7.1 聲道	PCM 2ch	DTS 重新編碼	DTS-HD MA	DTS
DVD 上的音頻流	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	最多 5.1 聲道	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	最多 6.1 聲道	PCM 2ch	DTS	DTS	DTS
Blu-ray 光碟的清晰度	任意	將主要、輔助和效果音頻流一起解碼爲 PCM 音頻。		將主要、輔助和效果音頻流一起解碼爲 PCM 音頻，然後將 PCM 音頻重新編碼爲 DTS 位元流。	只輸出主音頻聲道（電影的主聲道），以便接收器可以解碼音頻位元流。將聽不到輔助和效果音頻。	

Blu-ray 光碟可能包括三種音頻流。
- 主音頻： 主要特徵的音頻聲道。
- 輔助音頻： 附加聲道，例如導演或演員的 註解。
- 互動音頻： 選取時播放互動聲音。 互動音頻在每張 Blu-ray 光碟上各不相同。

PCM 向下採樣

設定是否向下採樣 96KHz 訊號。
- **開啓** : 當連接到產品的擴音機與 96KHz 不相容時， 請選擇此選項。 96KHz 的訊號將向下轉換爲 48KHZ。
- **關閉** : 當連接到產品的擴音機與 96KHz 相容時，請選擇此選項。

✎ 附註
- 即使將 PCM 向下採樣設定爲 **關閉**，某些光碟也將透過光學數碼輸出只輸出向下採樣的音訊。

設定

HDMI

- 如果您的電視與壓縮多聲道格式 (Dolby Digital, DTS) 不相容，則產品可能會輸出 PCM 2 聲道向下採樣的音頻，即使將在設定 功能表上設定了 Bitstream(Re-encode 或 Audiophile) 也是如此。
- 如果您的電視與超過 48kHz 的 PCM 採樣不相 容，則產品可能會輸出 48kHz 向下採樣的 PCM 音頻，即使將 PCM Downsampling 設定為 **關閉** 也是如此。

動態範圍控制

您可能以很低的音量聽聲音，但仍然聽到清楚的對話。
只有在偵測到 Dolby Digital 訊號時此項才活動。

- **自動** : 將根據 Dolby TrueHD Soundtrack 提供的資訊，自動設定動態範圍控制。
- **關閉** : 關閉動態範圍控制。
- **開啓** : 選擇此項來以較低的音量聆聽電影的聲音，而不會損失對話的清晰度。

縮混模式

設定是否將多聲道音頻縮混成較少的聲道。

- **普通立體聲** : 將多聲道音頻縮混成兩聲道立 體聲。 當連接至不支援 Dolby Pro Logic 等虛 擬環繞聲功能的裝置時選取。
- **兼容環繞音場** : 將多聲道音頻縮混成兼容 環繞音的立體聲。當連接至支援 Dolby Pro Logic 等虛擬環繞聲功能的裝置時選取。

DTS Neo:6

可以從簡單的 2 聲道音頻來源享受多聲道聲音。

- **關閉 :** 只透過前面的揚聲器輸出 2 聲道音頻訊號。
- **電影院 :** 透過多聲道輸出 2 聲道的電影聲音。
- **音樂 :** 透過多聲道輸出 2 聲道音樂。

✎ 附註

- 如果正在使用 HDMI 接收器，則當將數碼輸出設定為 PCM 時，此選項可以使用。
- 不使用 HDMI 接收器時，可以將此選項與類比 7.1 聲道輸出搭配使用。

揚聲器設定

設定揚聲器聲音以獲取僅可能佳的環繞聲。
只有在使用 7.1 聲道類比輸出時， 才能使用此功能表。

測試音效

- 將會按順序將測試音發送到 L ➡ C ➡ R ➡ RS ➡ RSB ➡ LSB ➡ LS ➡ LFE，以便您可以確定已正確設定揚聲器。
- 僅當裝置中沒有光碟時才能啓動測試音。
- 測試音調只能透過 7.1 聲道類比輸出來輸出。

系統設置

初始設置

透過使用初始設置，可以設定語言、電視畫面比例和網路設定等等。
如需這些設定的詳細資訊，請參閱本使用手冊中的相應章節。（請參閱第 29~44 頁）

Internet@TV 螢幕大小

將 Internet@TV 螢幕設定爲最佳尺寸。

- **尺寸 1** : 顯示較小的應用程式圖示。 可能會在螢幕邊上看到一些黑點。
- **尺寸 2** : 顯示標準的應用程式圖示。 影像對於您的電視而言可能太大。
- **尺寸 3** : 顯示較大應用程式圖示，影像對於您的電視螢幕可能太大。

Anynet+ (HDMI-CEC)

Anynet+ 是一種方便功能，它提供與其他帶有 Anynet+ 功能的 Samsung 產品的鏈接操作。
要操作此功能，請使用 HDMI 電纜將本產品連接到 Samsung 電視。
可以使用 Samsung 電視遙控器操作本產品，並且只需按電視遙控器上的 **播放** (▶) 按鈕就 可以開始播放光碟。
如需詳細資訊，請參閱電視使用手冊。

- **開啓** : Anynet+ 功能將工作。
- **關閉** : Anynet+ 功能將不工作。

✎ **附註**

- 如果 HDMI 電纜線不支援 CEC，就不能使用此 功能。
- 如果您的 Samsung 電視具有 Anynet+ 標誌，則它支援 Anynet+ 功能。
- 視您的電視而定，某些 HDMI 輸出解析度可能不起作用。
請參閱電視的使用手冊。

BD 資料管理

可讓您管理從支援 BD-LIVE 服務的 Blu-ray 光碟下載的內容。

可以檢查裝置資訊(包括儲存媒體大小)、刪除 BD 資料或變更快閃記憶體裝置。

變更裝置可讓您選取產品的內置記憶體或外部記憶體 (連接的 USB 裝置)。

如果要從 BD-LIVE 儲存的資料大於剩餘的記憶體大小，或者內置記憶體已滿，請連接外部 USB 裝置，然後在功能表中選取外部裝置。

關於產品上的裝置(儲存媒體)的說明

- **總空間大小** : 裝置(儲存媒體)的總空間大小。
- **可用空間大小** : 裝置(儲存媒體)的可用空間大小。

✎ **附註**

- 在外部記憶體模式中，如果在播放期間斷開 USB 裝置的連接， 光碟播放將會停止。
- 只支援在 FAT 檔案系統 (DOS 8.3 卷標) 上格式化的 USB 裝置，建議使用支援 USB 2.0 通訊協定4 MB/秒或更快讀/寫速度的 USB 裝置。
- 不能將 USB HDD 用作 BD 資料儲存媒體 (BD-LIVE)。
- 恢復播放 功能在格式化儲存裝置後可能 不工作。
- BD 資料管理的總空間大小可能會因條件而異。

設定

時鐘

設定與時間相關的功能。

- **時鐘模式** : 可以將它設定爲 **自動** 或 **手動**。如果選取 **手動**，則 **時鐘設定** 功能表將會啓動，而 DST 將會停用。
- **時鐘設定** : 可以手動指定目前的時間和日期。
- **時區** : 您可以指定適合您所在地區的時區。
- **夏令時間** : 您可以打開或關閉夏令時間。

DivX(R) 註冊

檢視 DivX(R) VOD 註冊碼以購買和播放 DivX(R) VOD 內容。

✎ 附註

- 如果選取 **確定**，此選項不會啓動。
  要啓動此選項，請啓動 DivX(R) 停用。

DivX(R) 停用

選取此項以獲取新的註冊碼。

✎ 附註

- 當 DivX(R) 註冊 功能已停用時， 才能操作此功能。

網絡

若要開始爲產品設定網絡連線，請依照下面的步驟操作：

1. 在主功能表中，按 ◄► 按鈕選取 **設置**， 然後按 **確認** 按鈕。
2. 按 ▲▼ 按鈕選取 **網絡**，然後按 **確認** 按鈕。
3. 按 ▲▼ 按鈕選取 **網絡設置**，然後按 **確認** 按鈕。
4. 按 ▲▼ 按鈕選取 **網絡類型**，然後按 **確認** 按鈕。
5. 按 ▲▼ 按鈕選取 **有線** 或 **無線**，然後按 **確認** 按鈕。
6. 移至下一部分。

網絡設置

請與您的 ISP 聯絡以瞭解您的 IP 地址是靜態的還是動態的。 如果是動態的， 建議您使用 自動設定。 這是最容易的方法， 並且在大多 數情況下切實可行。 如果是靜態的，則必須使 用手動設定程序。

下面提供有線網絡的說明。 無線網路的說明在有線網絡的說明後面。

有線網絡

1. 在 網絡設置 功能表中，按 ▲▼ 按鈕選取 **網絡設置**，然後按 **確認** 按鈕。
   互聯網協議設定 畫面將會出現。
2. 按 ▶ 按鈕，然後選取 **自動** 或 **手動**， 然後按 **確認** 按鈕。

設定有線網絡 – 自動

1. 如果選取 **自動**，則網絡功能會取得並自 動填寫 IP 地址、子網絡遮罩 等等的值。

✎ **附註**

- 此程序可能最多需要 5 分鐘。

2. 網絡功能取得網絡值後，按 RETURN 按鈕。然後，執行 網絡測試 以確保產品已連接到網絡 (請參閱第 42 頁)。
3. 如果網絡功能未取得網絡值或者您選取 手動，請移至「手動設定」的說明。

設定有線網絡 – 手動

如果自動設置不成功，您就需要手動設定網絡設置值。

若要獲取大多數 Windows 電腦的 網絡設置 值，請依照下面的步驟操作：

1. 用滑鼠右鍵按一下螢幕右下角中的「網路」圖示。
2. 在快顯功能表中，按一下「狀態」。
3. 在出現的對話方塊中，按一下「支援」標籤。
4. 在「支援」標籤上，按一下「詳細資料」按鈕。將會顯示「網絡」設定。

若要進入產品的網路設定，請依照下面的步驟操作：

1. 在 互聯網協議設定 畫面上，按 **確認** 按鈕。
2. 按 ▲▼ 按鈕選取**手動**，然後按 **確認** 按鈕。
3. 按 ▼ 按鈕移至第一個輸入欄位 (IP 地址)。

4. 使用遙控器上的數字按鈕輸入數字。
5. 完成每個欄位後，使用 ▶ 按鈕成功移至下一個欄位。
   還可以使用其他箭頭按鈕來上移、下移或返回。
6. 輸入 **IP 地址**、**子網絡遮罩** 和 **閘道** 值。
7. 按 ▼ 按鈕移至 DNS。
8. 按 ▼ 按鈕移至第一個 DNS 輸入欄位。 如上面一樣輸入數字。

9. 按遙控器上的 RETURN 按鈕。
10. 執行 網絡測試 以確保產品已連接到網絡 (請參閱第 42 頁)。

無線網絡

可採用三種方法設定無線網絡：

- 使用 PBC (WPS)
- 使用「自動搜尋網絡」功能。
- 手動設定

下面說明了每種方法。

設定無線網絡連線 - PBC (WPS)

最容易的設定無線網絡連線的方法是使用 PBC (WPS) 功能。
如果您的無線路由器有 PBC (WPS) 按鈕， 請依照下面的步驟操作：

1. 在 網絡設置 功能表中，按 ▲▼ 按鈕選取 **網絡設置**，然後按 **確認** 按鈕。
   互聯網協議設定 畫面將會出現。
2. 按下遙控器上的**紅色(A)** 按鈕。
3. 在兩分鐘內按路由器上的 PBC (WPS) 按鈕。本產品將顯示 網絡選擇畫面，並自動獲得它連接到網 絡所需的所有網絡設定。 完成後，將會顯示 OK 按鈕。 按遙控器上的 **確認** 按鈕。
4. 建立網絡連線後，按 RETURN 按鈕結束 網絡設置 畫面。

設定無線網絡連線 – 自動搜尋網絡

大部分無線網路都有選用的安全系統，它要求進入網絡的裝置傳送稱為進入金鑰或安全金鑰的加密安全代碼。 安全金鑰基於通行碼， 一般 是在設定無線網絡時要求您輸入的一個單字或 指定長度的一系列字母和數字。 如果使用此設定網絡連線方法， 並具有無線網 絡的安全金鑰，則在設定 過程中，您將必須輸 入通行碼。

▪ **設定網絡連線**

要使用「自動搜尋網絡」來設定無線連線，請依照下面的步驟操作：

1. 在 網絡設置 功能表中，按 ▲▼ 按鈕選取 **網絡設置**，然後按 **確認** 按鈕。
   互聯網協議設定 畫面將會出現。
2. 按 ▲▼ 按鈕選取 **互聯網協議設定**，然後按 **確認** 按鈕。
3. 按 ▲▼ 按鈕選取 **自動** 或 **手動**，然後按 **確認** 按鈕。
4. 如果選取 **自動**，請按 ▲ 按鈕選取 **存取點選擇**，然後按 **確認** 按鈕。
   網絡功能將搜尋可使用的無線網絡。
   完成後，將顯示可使用的網絡清單。

5. 在網絡清單中，按 ▲▼ 按鈕選取網絡， 然後按 **確認** 按鈕。
6. 如果顯示 PIN/安全性 快顯畫面，請移至步驟 7。 如果出現 正在連接網絡畫面， 請移至步驟 11。
7. 按 ▲▼ 按鈕以選取 PIN 或 安全性。
   對於大部分家用網絡，將選取 安全性(以取得 安全金鑰)。
8. 在 安全性 畫面上，輸入網絡的通行碼。

✎ **附註**

- 應可在設定路由器或數據機的設定畫面上 找到通行碼。

9. 若要輸入通行碼，請依照下面的通用 說明操作：
   - 按遙控器上的數字按鈕輸入數字。
   - 使用遙控器上的箭頭鍵在 安全金鑰 從一個按鈕移到另一個按鈕。
   - 按下遙控器上的**紅色**(A) 按鈕可讓您將顯示在按鈕上的文字變更爲小寫、大寫、數字或圖示。
     若要輸入某個字母或符號，請將游標移至該字母或圖示，然後按**確認**按鈕。
   - 若要刪除所輸入的最後一個字母或數字，請按**綠色**(B) 按鈕。
10. 完成後，按遙控器上的**藍色**(D) 按鈕，然後按**確認**按鈕。
11. 等待到顯示連線確認訊息，然後按 **確認** 按鈕。 網絡設置 畫面將會重新出現。
12. 要測試連線，請按 ▼ 按鈕選取 **網絡測試**，然後按 **確認** 按鈕。

設定無線網絡連線 – 手動

如果自動設置不成功，您就需要手動輸入 網絡設置 值。

若要獲取大多數 Windows 電腦的 網絡設置 值，請依照下面的步驟操作：

1. 用滑鼠右鍵按一下螢幕右下角中的「網路」圖示。
2. 在快顯功能表中，按一下「狀態」。
3. 在出現的對話方塊中，按一下「支援」標籤。
4. 在「支援」標籤上，按一下「詳細資料」按鈕。將會顯示「網絡」設定。

若要進入產品的網路設定，請依照下面的步 驟操作：

1. 在 互聯網協議設定 畫面上，按 **確認** 按鈕。
2. 按 ▲▼ 按鈕選取 **手動**，然後按 **確認** 按鈕。
3. 按 ▼ 按鈕移至第一個輸入欄位 (IP 地址)。

4. 使用數字按鈕輸入數字。
5. 完成每個欄位後，使用 ▶ 按鈕成功移至下一個欄位。
   還可以使用其他箭頭按鈕來上移、下移或返回。

6. 輸入 IP **地址**、**子網絡遮罩** 和 **閘道** 值。
7. 按 ▼ 移至 DNS。
8. 按 ▼ 按鈕移至第一個 DNS 輸入欄位。 如上面一樣輸入數字。
9. 完成後，按 ▲ 按鈕返回到 存取點選擇。 選取網絡，然後按 **確認** 按鈕。
10. 移至上面「自動無線」程序中的步驟 6， 並按照從該步驟開始的說明進行操作。

網絡測試

使用此功能表來連接到有線網絡或檢查您的網絡連線是否正常工作。

網絡狀態

檢查是否已建立網絡與互聯網的連線。

BD-Live 互聯網連接

設定以在使用 BD-LIVE 服務時可以使用互聯網連線。

- **允許 (所有)** : 將對所有 BD-LIVE 內容允許互聯網連線。
- **允許 (僅限有效)** : 僅對於包含有效證書的 BD-LIVE 內容允許互聯網連線。
- **禁止** : 將對所有 BD-LIVE 內容都不允許互聯網連線。

✎ 附註

- **甚麼是有效的證書 ?**
  當產品使用 BD-LIVE 來將光碟資料和要求傳送至伺服器以認證光碟時，伺服器使用所傳送的資料來檢查該光碟是否有效，並將證書傳回給產品。
- 使用 BD-LIVE 內容時，互聯網連線可能會 受到限制。

語言

可以選取偏好用於主功能表、光碟功能表 等的語言。

- **螢幕功能表** : 選取用於螢幕顯示的語言。
- **光碟功能表** : 選取用於光碟功能表顯示的語言。
- **音頻** : 選取用於光碟音頻的語言。
- **字幕** : 選取用於光碟字幕的語言。

✎ 附註

- 選取的語言只有在光碟上受支援時才會出現。

安全性

第一次操作本產品時，設定密碼畫面將會出現。

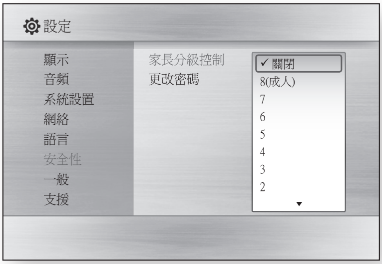
使用數字按鈕輸入所需的 4 位密碼。 根據預設，密碼設定為 0000。

家長分級控制

家長分級控制與已指定等級的 Blu-ray 光碟/DVD 配合使用，並可以幫助您控制家人觀賞的 Blu-ray 光碟/DVD 類型。

若要使用此功能，請選取限制產品播放具有適合您的家庭之分級的光碟的分級級別。

較大的數字表示該節目只供成人觀眾使用。 選取分級號時，應該選取希望產品能夠播放的最高分級號。 如果，如果選取第 6 級，產品將播放分級為 6 及以下的光碟，不能播放分級為第 7 級或第 8 級的光碟。



更改密碼

變更用於進入安全功能的 4 位密碼。

如果您忘記了您的密碼

1. 取出光碟。
2. 按住前面板上的 **停止** (■) 按鈕 5 秒鐘以上。
   所有的設定將恢復到出廠設定。

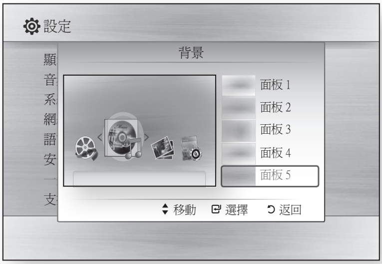
✎ **附註**

- 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。

一般

背景

變更功能表畫面的背景主題。



前方顯示

變更前面板的亮度。

- **自動** : 在播放期間變暗。
- **暗** : 使顯示視窗變暗。
- **亮** : 使顯示視窗變亮。

開機/關機音效

打開和關閉產品時播放旋律。

- **開啓** : 打開開機音效。
- **關閉** : 關閉開機音效。

光效

可以啓動或關閉產品頂部的光效。

- **保持開啓** : 一直啓動光效。 選取此項以保留顯示。
- **自動** : 在打開和關閉產品或移動托盤時啓動 光效。 當在家中安裝產品時選取此項。
- **關閉** : 一直關閉光效。

設定

支援

軟件升級

此功能表可讓你升級軟件以取得效能提高或其他服務。 可以檢查目前軟件版本，使用互聯網升級和設定自動升級通知。 如果透過電纜或以無線方式正確地將產品連接到網絡，則每次打開時，產品將自動連接到 Samsung 的網站並下載更新檔案(如果有任何有效的更新的話)。

1. 若要選取 **通過互聯網**，請按 **確認** 按鈕。
如果有更新可供使用，則會顯示一條快顯訊息，詢問您是否要升級。
2. 如果選取**是**，產品會自動關閉，重新啓動，然後開始升級。 （此時不要手動將其關閉。）
3. 將會顯示更新進度快顯視窗。
更新完成後，產品將自動關閉。
4. 按 POWER 按鈕打開產品。

✎ 附註

- 產品重新啓動後再關閉時，更新才完成。 按 POWER 按鈕打開更新的產品以進行使用。 在更新過程中，切勿關閉產品。
- 對於在軟件升級期間互聯網連線不穩定或消費者粗心大意造成的產品運作失常，Samsung Electronics 不承擔法律責任。

還可以採用下列兩種方法之一來更新軟件。 軟件更新與 **通過互聯網** 功能表一樣。

- USB : 造訪 www.samsung.com/bluraysupport，然後將最新的軟件 (RUF 檔案) 下載並儲存到 USB 快閃磁碟。 將 USB 快閃磁碟機連接到產品 (光碟托盤中無光碟) 的 USB 埠，然後依照螢幕說明操作。
- CD/DVD : 造訪 www.samsung.com/bluraysupport，然後將最新的軟件 (RUF 檔案) 下載並寫到光碟上。 將光碟插入到產品中並播放以開始更新，然後依照螢幕說明操作。

✎ 附註

- 使用 USB Host 插孔執行軟件升級時裝置內 不能有光碟。
- 如果在下載升級資料的過程想要取消升級，請按 **確認** 按鈕。
- 系統升級完成後，在軟件升級功能表中檢 查軟件詳情。
- 在系統升級期間切勿關閉產品，因爲此操作會導致產品無法正常工作。
- 使用 USB Host 插孔進行軟件升級必須只 使用 USB 快閃記憶棒進行。

聯絡 Samsung

提供聯絡資訊以協助您使用產品。

基本功能

播放光碟

播放

1. 按 **開啓/關閉** (⏏) 按鈕打開光碟托盤。
2. 輕輕將光碟放入托盤，光碟的標籤朝上。
3. 按 **開啓/關閉** (⏏) 按鈕關閉光碟托盤。
4. 按下 **播放** (▶) 按鈕。

與播放相關的按鈕

播放 (▶)	開始播放。
停止 (■)	停止播放。 • 如果按該按鈕一次：將會記住停止位置。 • 如果按該按鈕兩次：不會記住停止位置。
暫停 (❚❚)	暫停播放。

光碟結構

光碟的內容通常劃分如下。

• Blu-ray 光碟、DVD-VIDEO

|← 標題 1 →|← 標題 2 →|
|← 章節 1 →|← 章節 2 →|← 章節 1 →|← 章節 2 →|← 章節 3 →|

• 音頻 CD (CD-DA)

|← 曲目 1 →|← 曲目 2 →|← 曲目 3 →|← 曲目 4 →|← 曲目 5 →|

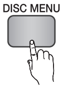
• MP3、WMA、DivX、MKV 和 MP4

|← 資料夾 (群組) 1 →|← 資料夾 (群組) 2 →|
|← 檔案 1 →|← 檔案 2 →|← 檔案 1 →|← 檔案 2 →|← 檔案 3 →|

使用光碟功能表/標題功能表/快顯功能表

使用光碟功能表

BD-ROM DVD-VIDEO



1. 在播放時，按下遙控器上的 DISC MENU 按鈕。
2. 按下 ▲▼◀▶ 按鈕選擇所需選項，然後按 **確認** 按鈕。

✎ **附註**

- 根據光碟，功能表項目可能會不相同，而且此功能表可能無法使用。

使用標題選單

DVD-VIDEO

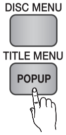
1. 在播放時，按下遙控器上的 TITLE MENU 按鈕。
2. 按下 ▲▼◀▶ 按鈕選擇所需選項，然後按 **確認** 按鈕。

✎ **附註**

- 根據光碟，功能表項目可能會不相同，而且此功能表可能無法使用。

播放標題清單

BD-RE/-R



1. 在播放器期間，按 DISC MENU 或 TITLE MENU 按鈕。
2. 按 ▲▼ 按鈕從標題清單中選取要播放的項目，然後按 **確認** 按鈕。

✎ **附註**

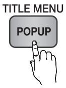
- 如果光碟有播放清單，請按**綠色(B)** 按鈕移至 播放清單。

基本功能

使用快顯功能表

BD-ROM

1. 在播放時，按下遙控器上的 **快顯功能表** 按鈕。
2. 按 ▲▼◀▶ 按鈕或 **確認** 按鈕選取所需的功能表。



✎ 附註

- 根據光碟，功能表項目可能會不相同，而且此功能表可能無法使用。

使用搜尋和跳過功能

在播放過程中，您可以在章節或曲目中快速搜尋，並使用跳過功能跳至下一選擇。

搜尋所需的場景

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在播放期間，按 **搜尋** (◀◀ ▶▶) 按鈕。
  每次按 **搜尋** (◀◀ ▶▶) 按鈕，播放速度將按以下順序變更：

BD-ROM, BD-RE/-R, DVD-RW/-R, DVD+RW/+R, DVD-VIDEO	▶▶ 1 ➞ ▶▶ 2 ➞ ▶▶ 3 ➞ ▶▶ 4 ➞ ▶▶ 5 ➞ ▶▶ 6 ➞ ▶▶ 7 ◀◀ 1 ➞ ◀◀ 2 ➞ ◀◀ 3 ➞ ◀◀ 4 ➞ ◀◀ 5 ➞ ◀◀ 6 ➞ ◀◀ 7
DivX, MKV, MP4	▶▶ 1 ➞ ▶▶ 2 ➞ ▶▶ 3 ◀◀ 1 ➞ ◀◀ 2 ➞ ◀◀ 3

- 要返回正常播放，請按 **播放** (▶) 按鈕。

✎ 附註

- 搜尋模式中將不會聽到聲音。

跳過章節

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在播放期間，按 **略過** (⏮ ⏭) 按鈕。
  如果您按 **略過** (⏭) 按鈕，將移至下一個 章節。
  如果您按 **略過** (⏮) 按鈕，將移至章節的起始部分。 再按一次，將移至前一章節的起始部分。

慢動作播放/逐個動作播放

慢動作播放

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在暫停模式下，按 **搜尋** (▶▶) 按鈕。
  每次按**搜尋** (▶▶) 按鈕，播放速度將按以下順序降低：
  I▶ 1/8 I▶ 1/4 I▶ 1/2
- 要返回正常播放，請按 **播放** (▶) 按鈕。

✎ 附註

- 慢速模式中將不會聽到聲音。
- 慢動作操作只能向前進行。
- 不能對 DivX 光碟進行慢動作播放。

逐個動作播放

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在暫停模式下，按 **暫停** (⏸) 按鈕。
  每次按 **暫停** (⏸) 按鈕，都會出現新的一幀。
- 要返回正常播放，請按 **播放** (▶) 按鈕。

✎ 附註

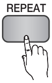
- 在逐個動作模式中將不會聽到聲音。
- 逐個動作操作只能向前進行。
- 不能對 DivX 光碟進行逐個動作播放。

重複播放

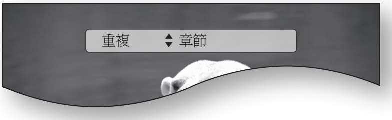
重複標題或章節

重複光碟標題或章節。
視光碟的不同，重複功能可能不可用。

1. 在播放時，按下遙控器上的 REPEAT 按鈕。



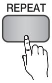
2. 按 ▲▼ 按鈕以選擇 **章節** 或 **標題**，然後按 **確認** 按鈕。



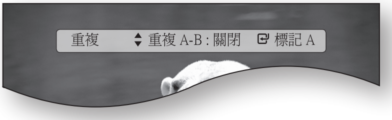
3. 要返回正常播放，請再次按 REPEAT 按鈕。
4. 按 ▲▼ 按鈕選取 **關閉**，然後按 **確認** 按鈕。

重複部分

1. 在播放時，按下遙控器上的 REPEAT 按鈕。



2. 按 ▲▼ 按鈕選取 **重複 A-B**。



3. 在您想開始重複播放的點(A)按 **確認** 按鈕。
4. 在您想停止重複播放的點(B)按 **確認** 按鈕。
5. 要返回正常播放，請再次按 REPEAT 按鈕。
6. 按 **確認** 按鈕。

✎ 附註

- 如果在5秒鐘之內設定（B）點將會顯 示禁止訊息。

使用 TOOLS 按鈕

在播放時，可以按 TOOLS 按鈕來操作光碟。

- **工具 功能表畫面**

✎ 附註

- 視光碟的不同，工具 功能表可能會不相同。

直接移到所需的場景

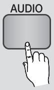
1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **標題**、**章節** 或 **播放時間**。
3. 使用數字按鈕輸入所需的 **標題**、**章節** 或 **播放時間**，然後按 **確認** 按鈕。

基本功能

選擇音頻語言

BD-ROM BD-RE/-R DVD-VIDEO DivX/MKV/MP4

若要操作此功能，您也可以按遙 控器上的 AUDIO 按鈕。



1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **音頻**。
3. 按 ◀▶ 按鈕以選擇所需的音頻語言。

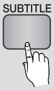
✎ 附註

- 如果 BONUSVIEW 部分不含任何 BONUSVIEW 音頻設定，則 ◀▶ 指示符不會顯示在螢幕上。
- 如果 Blu-ray 光碟具有 BONUSVIEW 部分，則還會顯示關於主要/輔助模式的資訊。
  使用 ◀▶ 按鈕切換主要和輔助音頻模式。
- 此功能取決於在光碟上所編碼的音頻語言，可能無法使用。
- Blu-ray 光碟最多可包含 32 種音頻語言， DVD 最多可包含 8 種音頻語言。
- 某些 Blu-ray 光碟可能允許您選擇英文的 多聲道 LPCM 或 Dolby digital 聲道。
- 如果按遙控器上的 AUDIO 按鈕，將會顯示音頻條。
  按 RETURN 按鈕以移除音頻條。

選擇字幕語言

BD-ROM DVD-VIDEO DivX/MKV/MP4

若要操作此功能，您也可以按遙 控器上的 SUBTITLE 按鈕。



1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **字幕**。
3. 按 ◀▶ 按鈕以選擇所需的字幕語言。

✎ 附註

- 根據 Blu-ray 光碟 / DVD，您可能可以在 光碟功能表 中變更所需的字幕。
  按 DISC MENU 按鈕。
- 此功能取決於在光碟上所編碼的字幕，可能不會在所有的 Blu-ray 光碟/DVD 上起作用。
- Blu-ray 光碟最多可包含 255 種字幕語言，DVD 最多可包含 32 種字幕語言。
- 如果 Blu-ray 光碟具有 BONUSVIEW 部分， 則還會顯示關於主要/輔助模式的資訊。
- 此功能同時變更主要和輔助字幕。
- 字幕總數是主要字幕和輔助字幕之和。
- 如果按遙控器上的 SUBTITLE 按鈕，將會顯示 字幕條。
  按 RETURN 按鈕以移除字幕條。

更改拍攝角度

BD-ROM DVD-VIDEO

當 Blu-ray 光碟/DVD在一個特定場景中包含 多個視角時，您可以使用 角度 功能。

1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **角度**。
3. 按 ◀▶ 按鈕以選擇所需 角度。

選擇畫面設定

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

此功能可讓您在透過 HDMI 連接至電視時調整視訊品質。

1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **圖像設定**，然後按 **確認** 按鈕。
3. 按 ◀▶ 按鈕選取所需的 **圖像設定**， 然後按 **確認** 按鈕。

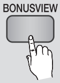
- **動態** : 選取此設定以提高清晰度。
- **一般** : 選取此設定以取得最多觀賞應用。
- **電影** : 這是觀看電影的最佳設定。
- **用戶** : 使用者分別可以調整清晰度和降低雜訊功能。

設定 BONUSVIEW

BD-ROM

BONUSVIEW 功能可讓您在播放電影時在小螢幕視窗中檢視其他內容 (例如註解)。
只有在光碟具有 bonusview 功能時，此功能才可用。

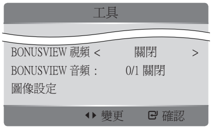
若要操作此功能，您也可以按遙控 器上的 BONUSVIEW 按鈕。



1. 在播放期間，按 TOOLS 按鈕。
2. 按 ▲▼ 按鈕選取 **BONUSVIEW 視頻** 或 **BONUSVIEW 音頻**。
3. 按 ◄► 按鈕以選擇所需 bonusview。

✎ **附註**

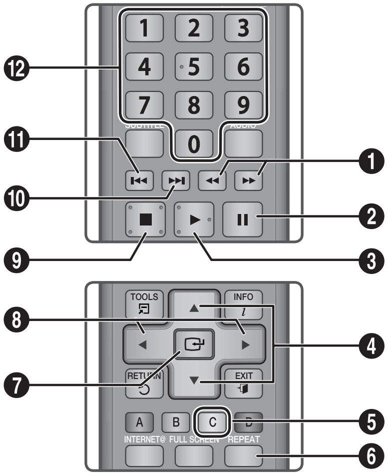
- 如果從 BONUSVIEW 視頻切換， BONUSVIEW 音頻將根據 BONUSVIEW 視頻自動變更。



聆聽音樂

Audio CD MP3/WMA

遙控器上用於播放音樂的按鈕



❶	**搜尋** 按鈕： 快速播放。 (僅限音頻 CD (CD-DA))
❷	**暫停** 按鈕： 暫停播放。
❸	**播放** 按鈕： 播放當前選取的曲目。
❹	▲▼ 按鈕： 在音樂清單或播放清單中選取曲目。
❺	**黃色 (C)** 按鈕： 選取或不選音樂清單中的曲目。
❻	REPEAT 按鈕： 在播放清單中選取播放 模式。
❼	**確認** 按鈕： 播放和暫停選取的曲目。
❽	◄► 按鈕：跳躍播放。 (音頻 Audio CD (CD-DA) 除外)
❾	**停止** 按鈕： 停止曲目。
❿	**略過** 按鈕： 在播放期間，移到音樂清單中的下一頁或移到播放清單中的下一曲。

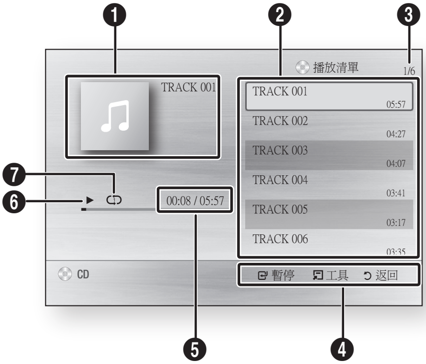
基本功能

⑪	**略過** 按鈕： 在播放期間，移到音樂清單中的上一頁或移到播放清單中的上一曲。 如果在播放清單中播放3秒鐘后按此按鈕，將從頭開始重新播放當前曲目。 但是，如果在播放清單中播放3秒鐘內按此按鈕，將會播放上一曲。
⑫	**數字** 按鈕： 在播放清單播放期間，按所需的曲目編號。 將會播放所選曲目。

播放音頻 CD (CD-DA)/MP3

1. 將音頻 CD (CD-DA) 或 MP3 光碟插入到光碟托盤中。
   - 音頻 CD (CD-DA) 將自動播放。
   - 若要開始 MP3 光碟，按 ◀▶ 按鈕以選取**音樂**，然後按**確認**按鈕。

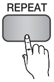
音頻 CD (CD-DA)/MP3 螢幕元素



①	顯示音樂資訊。
②	顯示播放清單。
③	顯示當前曲目/總曲目數。
④	顯示可以使用的按鈕。
⑤	顯示當前播放時間/總播放時間。
⑥	顯示當前播放狀態。
⑦	顯示重複的播放狀態。

2. 按 ▲▼ 按鈕選取想要播放的曲目，然後按**確認** 按鈕。

重複音頻 CD (CD-DA)/MP3



1. 在播放清單播放期間，按 REPEAT 按鈕。
2. 重複按 REPEAT 按鈕選取所需的播 放模式。

關閉	音頻 CD (CD-DA) /MP3	依錄製順序播放光碟上的曲目。
(⟲) 曲目	音頻 CD (CD-DA)	重複當前曲目。
(⟲) 一次	MP3	重複當前曲目。
(⟲) 全部	音頻 CD (CD-DA) /MP3	重複所有曲目。
(⤮) 隨機播放	音頻 CD (CD-DA) /MP3	隨機選項會隨機播放光碟的曲目。

播放清單

1. 將音頻 CD (CD-DA) 或 MP3 光碟插入到光碟托盤中。
   - 音頻 CD (CD-DA) 將自動播放。
   - 若要開始 MP3 光碟，按 ◀▶ 按鈕以選取**音樂**，然後按**確認**按鈕。
2. 要移至音樂清單，按 **停止** (■) 或 RETURN 按鈕。
   音樂清單屏幕將顯示。

3. 按 ▲▼◀▶ 按鈕選取所需曲目， 然後**黃色 (C)** 按鈕以檢查所需曲目。
   重複此過程以選取其他曲目。

4. 如果播放清單中有不需要的曲目，請再次按**黃色(C)** 按鈕。
   將會刪除所選曲目。
5. 按**確認** 按鈕播放所選曲目。
   將會自動播放選取的曲目。

6. 要移至音樂清單，按 **停止** (■) 或 RETURN 按鈕。
7. 要移至播放清單，請按**確認** 按鈕。

✎ **附註**

- 可以在音頻 CD (CD-DA) 上建立最多含有 99 個曲目的播放清單。

播放圖像

JPEG

播放 JPEG 光碟

1. 將 JPEG 光碟插入光碟托盤。
2. 按 ◀▶ 按鈕選取 **相片**，然後按下 **確認** 按鈕。
3. 按 ▲▼◀▶ 按鈕選取想要播放的檔案， 然後按 **確認** 按鈕。
4. 按 ▲▼◀▶ 按鈕選取想要播放的相片， 然後按 **確認** 按鈕。
   幻燈片將會自動開始。

✎ **附註**

- 在全螢幕模式中，不能放大字幕和 PG 圖形。

使用 TOOLS 按鈕

在幻燈片播放期間，可以按 TOOLS 按鈕使用各 種功能。

- **停止播放幻燈片** : 如果要停止播放幻燈片， 請選取此項。
- **幻燈片播放速度** : 如果要調整幻燈片播放速度，請選取此項。
- **幻燈片播放效果** : 如果要設定幻燈片播放效果，請選取此項。
- **背景音樂** : 如果要在觀看圖像時聽音樂， 請選取此項。

基本功能

- **放大** : 如果要放大當前的圖像，請選取此項。(最多放大 4 倍)
- **旋轉** : 如果要旋轉圖像，請選取此項。 (這會順時針或逆時針旋轉圖像。)
- **資訊** : 顯示圖像資訊，包括名稱和大小 等等。

✎ 附註

- 若要啓用背景音樂功能，音樂和 MP3 檔案必須包含在同一個資料夾中。 不過，聲音品質可能會受到 MP3 檔案的位元速率、 相片的大小和編碼方法影響。

播放 USB 儲存裝置

可以使用 USB 連線來播放從 USB 儲存裝置下 載的多媒體檔案 (MP3, JPEG, DivX, 等)。

1. 移到主功能表。
2. 在停止模式中，將 USB 儲存裝置連接到產品前面板上的 USB 埠。
   將會顯示訊息「是否要變更裝置？」。
3. 按下 ◄► 按鈕以選擇 **是**，然後按 **確認** 按鈕。
4. 按**紅色**(A) 按鈕或**藍色**(D) 按鈕。
   如果按**紅色**(A) 按鈕，請移至步驟 5。
   如果按**藍色**(D) 按鈕，請移至步驟 4-1。

5. 按 ▲▼ 按鈕選取 USB，然後按 **確認** 按鈕。
6. 按 ◄► 按鈕選取所需影片、音樂或相片，然後按下 **確認** 按鈕。 移至步驟 7。

4-1. 按**藍色**(D) 按鈕，將會顯示下面的螢幕。移至 5-1。

5-1. 按 ◄► 按鈕選取 USB，然後按 **確認** 按鈕。

6-1. 按 ▲▼ 按鈕選取所需影片、音樂或相片，然後按下 **確認** 按鈕。

7. 若要播放影片、音樂或相片檔案，請參閱第 45~52 頁。

✎ 附註

- 必須安全移除 USB 儲存裝置 (透過執行「安全移除 USB 功能」)， 以防可能損壞 USB 記憶體。 按 **MENU** 按鈕移到主功能表，然後選取**黃色**(C) 按鈕，然後按下 **確認** 按鈕。
- 當音頻 CD (CD-DA)、MP3 和 JPEG 檔案處於停止模式時，按遙控器上的 **FULL SCREEN** 按鈕看不到全螢幕。
- 如果在播放 USB 儲存裝置時插入光碟， 裝置模式將自動切換爲 “DVD 或 CD”。

網絡服務

透過將產品連接到網路系統，可以享受各種網絡服務，如 Internet@TV 或 BD-LIVE。

在使用網絡服務之前，請檢查下列說明。

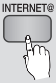
1. 將產品連接到網絡。
   （請參閱第 27~28 頁）
2. 配置網絡設置。
   （請參閱第 38~42 頁）

使用 Internet@TV

將本播放機連接到網絡以下載各種付費或免費應用程式。

Internet@TV 可以直接從 Web 將有用和娛樂內容及服務帶到播放機中，例如新聞、天氣預報、股市行情、遊戲、電影和音樂。

若要操作此功能，您也可以按遙 控器上的 **INTERNET@** 按鈕。

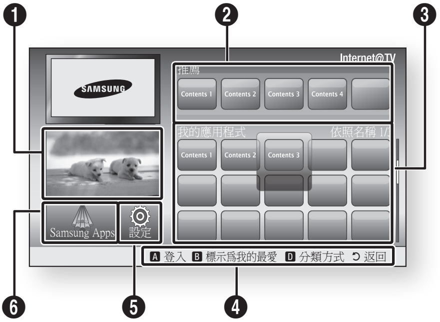


Internet@TV 入門

1. 移到主功能表。

2. 按 ◄► 按鈕選取 **Internet@TV**，然後按 **確認** 按鈕。
3. 在 Internet@TV 服務的開始螢幕中，將看到服務協定畫面。 應同意服務條款和條件，這樣才能使用 Internet@TV 服務。
4. 同意服務協定後，Internet@TV 服務將開始更新。 可能需要幾分鐘。
   更新完成後，將看到 Internet@TV 功能表畫面。

Internet@TV 總覽



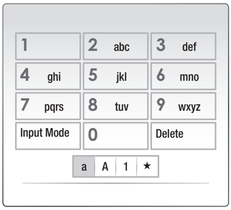
❶	**商業** : 顯示 Internet@TV 指南、產品簡介和新應用程式簡介。
❷	**推薦** : 顯示 Samsung 管理的內容。
❸	**我的應用程式** : 顯示您的個人收藏，您可以自行新增或刪除。
❹	**導覽說明** : 顯示可以使用的遙控器按鈕。 • **紅色(A)** : 登入 Internet@TV。 • **綠色(B)** : 將應用程式標記爲收藏。 • **藍色(D)** : 對應用程式進行排序。 • **返回** : 返回前一個功能表。
❺	**設定** : 可以設定系統設定和建立帳號等。
❻	**Samsung Apps** : 您可以下載各種付費或免費應用程式服務。

網絡服務

使用小鍵盤

透過遙控器，可以在多個 Internet@TV 應用程式中使用螢幕顯示小鍵盤來輸入文字。

使用螢幕小鍵盤時按遙控器上的 SUBTITLE 按鈕可讓您將文字欄位變更爲小寫、大寫、數字和圖示。



例如，以下說明如何在 Google 地圖中搜尋地址。

1. 在 Internet@TV 中，在 Google 地圖圖示上按遙控器上的 **確認** 按鈕。
2. 按**綠色(B)** 按鈕以使用搜尋功能。
3. 按 ◄► 按鈕移到「搜尋或地址」視窗。
4. 按 **確認** 按鈕以使用搜尋或地址功能。
5. 例如，假設您要輸入 ‘105 Challenger Rd., Ridgefield Park NJ’ 。
6. 按遙控器上的 SUBTITLE 按鈕兩次以將輸入模式從小寫變更爲數字。
7. 按 ‘1’ , ‘0’ , ‘5’ 。
8. 按遙控器上的**黃色(C)** 按鈕輸入空格。
9. 按遙控器上的 SUBTITLE 按鈕 3 次以將輸入模式從數字變更爲大寫。
10. 按遙控器上的 ‘2’ 按鈕 3 次輸入 C。
11. 按遙控器上的 SUBTITLE 按鈕 3 次以將輸入模式從大寫變更爲小寫。
12. 按遙控器上的按鈕輸入餘下的 ‘Challenger Rd., Ridgefield Park NJ’ 。
13. 按 **確認** 按鈕。
14. 地圖和地址將顯示在螢幕上。

✎ 附註

- 對於服務提供者由於任何原因造成的 Internet@TV 服務中斷，Samsung Electronics 不承擔法律責任。
- Internet@TV 服務用於透過互聯網下載和處理資料，以便您可以在電視螢幕上享受這些內容。
  如果互聯網連線不穩定，服務可能會延遲或中斷。此外，產品可能會自動關閉。
  如果出現這種情況，請檢查互聯網連線， 然後重試。
- 可能只提供英文版本的應用程式服務，提供的內容可能會因地區而異。
- 使用應用程式服務時，不能操作遙 控器上的 FULL SCREEN 按鈕。
- 如需 Internet@TV 服務的詳細資訊， 請造訪應用程式服務提供商的網站。
- Internet@TV 服務提供商可能會隨時變更 提供的服務。
- Internet@TV 服務內容可能會因韌體版本 而異。
- 受複製保護的付費 DivX 內容只能使用 HDMI 電纜播放。
  如果使用分量或視頻電纜將播放機連接到電視，則 DivX 訊號無法輸出，或者將會顯示快顯訊息「連接至 HDMI 纜線以播放此檔案。」或「無法播放目前檔案。」。

帳戶登入

若要取得更享受的應用程式體驗，請註冊並登入您的帳戶。

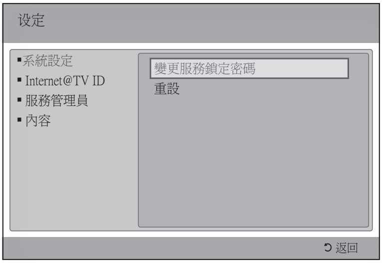
爲此，首先必須建立帳戶。
(如需建立帳戶的說明，請參閱本頁上的 Internet@TV ID)

1. 按 ▲▼◀▶ 按鈕選取所需的應用程式， 然後按**紅色(A)** 按鈕。

2. 輸入使用者帳戶和密碼。

設定

從此螢幕建立 ID 和配置 Internet@TV 設定。



系統設定

重設

將 Internet@TV 設定重設爲出廠預設設定。

✎ 附註

- 如果您忘記密碼，請在未插入光碟的情況下， 按產品前面板上的 **停止** (■) 按鈕超過 5 秒鐘。

Internet@TV ID

使用此功能表來建立或刪除帳戶以及輸入或刪除帳戶資訊。

可以控制帳戶，包括可使用的內容和帳戶資訊。

此帳戶只用於 Internet@TV。

Create

建立帳戶並將其與所需的服務應用程式連結。

✎ 附註

- 帳戶名稱的長度至少爲 1 個字符，但不能超過 8 個字符。
- 最多可以註冊 10 個使用者帳戶名稱。

管理員

- **服務站點** : 註冊服務網站的登入資訊。
- **更改密碼** : 變更帳戶密碼。
- **刪除** : 刪除帳戶。

網絡服務

服務管理員

刪除和鎖定安裝到 Internet@TV 的應用程式。

Lock

鎖定應用程式。 進入鎖定的應用程式需要密碼。

Delete

刪除應用程式。

內容

顯示 Internet@TV 的相關資訊。 使用「檢查互聯網連線的速度」選項來測試網 絡連線。

Samsung Apps

此處分門別類提供各種應用程式。 一些應用程式需要付費才能下載。

我的頁面

顯示應用程式清單。

說明

如果您對 Internet@TV 有任何疑問，請先檢查此部分。 如果沒有提示適用，請造訪說明網站。

將顏色按鈕與 Samsung Apps 搭配使用

- **紅色 (A) (Login)** : 登入互聯網服務。
- **綠色(B) (Thumbnail View)** : 變更視圖模式。
- **藍色(D) (Sort By)** : 按具備的功能、下載次數 最多、最新 或 名稱 對應用程式進行排序。

✎ **附註**

- 提供的互聯網內容服務可能會增加或刪除。

BD-LIVE™

將產品連接到網絡後，您可以使用 BD-LIVE 相容光碟享受各種與電影相關的服務內容。

1. 檢查剩餘記憶體的大小。
   記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。
2. 插入支援 BD-LIVE 的藍光光碟。
3. 從光碟製造商提供的各種 BD-LIVE 服務內容中選取項目。

✎ 附註

- 使用 BD-LIVE 和提供的內容的方式可能會因光碟製造商而異。

軟件升級通知

如果連接到網絡，產品將透過快顯訊息通知您有新的軟件版本。

1. 打開產品。
2. 從 軟件升級 功能表中，將 自動升級通知 設定為 On。（請參閱第 44 頁）
   如果有新的軟件版本，產品將透過快顯訊息通知您。
3. 若要升級韌體，請在快顯訊息上選取**是**。
   產品將自動關閉，然後重新啟動，接著開始下載。（此時切勿手動打開產品。）
4. 將會顯示更新進度快顯視窗。
   更新完成後，產品將自動關閉。
5. 按 POWER 按鈕打開產品。

✎ 附註

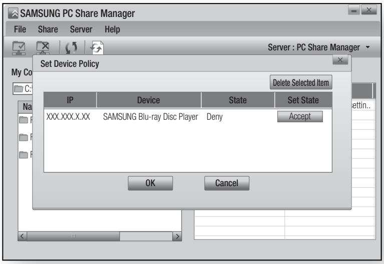
- 產品重新啟動後再關閉時，更新才完成。 按 POWER 按鈕打開更新的產品以進行使用。在更新過程中，切勿關閉產品。
- 對於在軟件升級期間互聯網連線不穩定或消費者粗心大意造成的產品運作失常，Samsung Electronics 不承擔法律責任。

使用 AllShare 功能

AllShare 可讓您使用產品播放電腦中的音樂、 視訊和相片檔案。

若要使用 AllShare，必須透過網絡將產品連接到電腦 (請參閱第 27~28 頁) 並在電腦上安裝 SAMSUNG PC Share Manager。 若要安裝和使用 Share Manager，請按照下面的步驟操作。

1. 請造訪 Samsung 網站：www.samsung.com。
2. 下載 SAMSUNG PC Share Manager 並在電腦上進行安裝。
3. 安裝完成後，可在桌面上看到 SAMSUNG PC Share Manager 圖示。
   連按兩下該圖示以啟動應用程式。
4. 從「我的電腦」窗格中選取要分享的資料夾，然後按一下 **啟用分享資料夾 圖示** ( )。
   (若要移除分享資料夾： 選取要移除的資料夾，然後按一下 **停用分享資料夾 圖示** ( )。)
5. 若要將更新的分享狀態套用至伺服器， 請按一下 **設定變更狀態 圖示** ( )。
6. 要使產品 能夠找到電腦伺服器， 請按一下功能表列中的 Share。
   按一下 Set Device Policy，然後按一下 Accept。



7. 按一下 **設定變更狀態 圖示** ( ) 並移到產品上的主功能表。

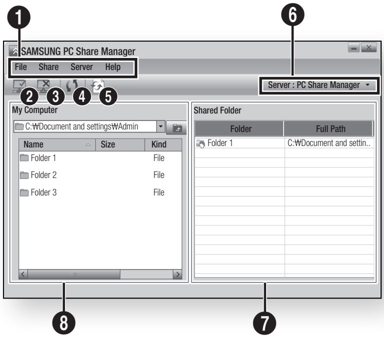
網絡服務

8. 若要選取裝置，請使用**紅色(A)** 或**藍色(D)** 按鈕來選取要播放的檔案。
(若要播放影片、音樂或相片檔案，請參閱第 45~52 頁。)

✎ 附註

- 根據外部數據機或路由器的效能，HD 視訊可能無法正常播放。
- 如果您的系統使用防火牆，產品可能無法在電視螢幕上找到電腦。
- AllShare 不支援下列功能：
  - 背景音樂 和 背景音樂設定 功能。
  - 依偏好對 相片、音樂 和 電影 資料夾中的檔案進行排序。
  - 變更群組 功能。
  - 安全移除 功能。
- 排序方法可能會因伺服器功能而異。
- 搜尋和跳過操作可能會因伺服器功能而異。
- 在視訊播放期間，不會顯示播放時間。
- 若要使用 AllShare 功能，請將本產品和電 腦放在同一個子網路中。

應用程式總覽



❶	功能表列
❷	**啓用分享資料夾 圖示：** 如果要選取電腦中的資料夾以進行分享，請選取此項。
❸	**停用分享資料夾 圖示：** 如果要關閉資料夾分享，請使用此項。
❹	**重新整理 圖示：** 如果要重新整理「我的電腦」中的資料夾和檔案清單，請使用此項。
❺	**設定變更狀態 圖示：** 選取要分享的資料夾，不要忘記按 此按鈕。 更新的狀態將套用至伺服器。
❻	**伺服器：** 顯示分享伺服器的名稱。
❼	**分享資料夾：** 顯示分享資料夾清單。
❽	**我的電腦：** 顯示電腦中的資料夾和檔案 清單。

附錄

故障排除

在請求服務前，請檢查下列內容。

問題	解決方案
遙控器無法執行任何操作。	• 檢查遙控器裡的電池。 它們可能需要更換。 • 在不超過 6.1m 的距離內操作遙控器。 • 取出電池，按住一個或多個按鈕幾分鍾以耗盡遙控器內部的微處理器，以便進行重設。 裝回電池，然後再次嘗試操作遙控器。
無法播放光碟。	• 確定光碟安裝時，光碟的標籤面朝上。 • 檢查 Blu-ray 光碟/DVD 的區域代碼。
光碟功能表 沒有出現。	• 請確定該光碟具有光碟功能表。
禁止訊息出現在螢幕上。	• 按無效的按鈕時，此訊息就會出現。 • Blu-ray 光碟/DVD 的軟件不支援該功能 (例如角度)。 • 您要求樂超出範圍的標題或章節號或搜尋時間。
播放模式與 設定功能表 選擇不同。	• 如果光碟沒有相應功能的編碼，則在 設定功能表中選定的功能可能不能正常工作。
屏幕比例無法更改。	• Blu-ray 光碟/DVD 上的. 螢幕比例 是固定的。 • 這不是產品運作失常。
無音頻。	• 請確定您已經在 音頻選項 功能表中選擇了正確的 數碼輸出。
屏幕訊號中斷	• 在內部無光碟的情況下，按下 **停止** (■) 按鈕（在前面板上）超過 5 秒鐘。 所有的設定將恢復到出廠設定。 • 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。
如果將 HDMI 輸出設定為電視不能支援的解析度（例如 1080p），則在電視上可能看 不到圖片。	• 在內部無光碟的情況下，按下 **停止** (■) 按鈕（在前面板上）超過 5 秒鐘。 所有的設定將恢復到出廠設定。 • 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。

附錄

問題	解決方案
忘記密碼	• 在內部無光碟的情況下，按下 **停止** (■) 按鈕（在前面板上）超過 5 秒鐘。 所有的設定，包括密碼，將恢復到出廠設定。除非絕對必要，否則不要使用此操作。 • 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。
如果您遇到其他問題。	• 移到目錄，查找含有對當前問題解釋的使用手冊部分，然後再次遵照程序操作。 • 如果問題仍然無法解決，請聯絡距您最近的 Samsung 授權服務中心。
畫面出現噪訊或失真	• 請確定光碟未弄髒或無刮痕。 • 清潔光碟。
無 HDMI 輸出。	• 檢查電視與產品的 HDMI 插孔之間的連接。 • 檢查電視是否支援 576p/480p、720p、1080i、1080p HDMI 輸入解析度。
異常 HDMI 輸出屏幕。	• 如果畫面上出現雪花噪訊，則表示電視不支援 HDCP（高頻寬數碼內容保護）。
PC Share Manager 功能	
我可以透過電腦 PC Share Manager 看到分享的資料夾， 但是看不到檔案。	• 因爲 Share Manager 只顯示影像、音樂和電影檔案，不會顯示不對應於這些類別的檔案。
AllShare 功能	
視訊播放斷斷續續。	• 檢查網絡是否穩定。 • 檢查網絡電纜是否正確連接，以及網絡是否超負荷。 • 伺服器與產品之間的無線連線不穩定。檢查連線。
電視與電腦之間的 AllShare 連線不穩定。	• 同一個子網絡下的 IP 地址應該是唯一的，否則 IP 衝突可能會導致此類現象。 • 檢查是否啓用了防火牆。若啓用，請停用防火牆功能。

問題	解決方案
BD-LIVE	
無法連接到 BD-LIVE 伺服器。	• 使用 網絡測試 功能表檢查網絡連接是否成功。（請參閱第 42 頁） • 檢查是否將 USB 記憶體裝置連接至產品。 • 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。 可以檢查 BD 資料管理中的可用大小。（請參閱第 37 頁） • 請檢查 BD-LIVE 互聯網連線 功能表是否設定爲 允許(所有)。 • 如果上述所有原因都不正確，請與內容提供商聯絡或更新最新的韌體。
使用 BD-LIVE 服務時發生錯誤。	• 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。 可以檢查 BD 資料管理中的可用大小。（請參閱第 37 頁）

✎ 附註

■ 恢復出廠預設設定後，將會刪除儲存在 BD 中的所有使用者資料。

使用 3D 功能觀看電視

重要安全資訊。 在您或您的小孩使用 3D 功能之前，請閱讀下列警告。

- 建議孕婦、上了年紀的人、癲癇症患者及心臟較弱或暈車厲害的人不要觀看 3D 畫面。
- 建議身體條件較差、睡眠不足或喝了酒的人不要觀看 3D 畫面。 一些 3D 畫面可能會驚嚇觀看者。
- 播放 3D 視訊時，不要將鋒利或易碎物件放在您的周圍。
  如果您感到 3D 視訊是真的，身體做出反應本能時，可能會打碎您周圍的物件或身體受傷。
- 光敏性發作警告和其他健康風險
  - 一些觀看者在面對某些電視畫面或視訊遊戲中包含的某些閃爍畫面或光線時，可能會經歷癲癇症發作或中風。 如果您或您的親戚有癲癇症或中風病史，請在使用 3D 功能之前，諮詢醫學專家。
  - 如果在觀看 3D 畫面時有下列症狀或情況之一，請立即停止觀看並休息一下： 頭暈眼花、眼睛或面部不穩定、不受意志控制的移動、抽筋、有憂愁的感覺、精神不正常、迷茫或惡心。（如果症狀仍然存在，請諮詢醫學專家。）
  - 兒童或青少年在觀看 3D 視訊時，尤其需要父母照顧和保護。
  - 當您感到精神不集中、昏昏欲睡、疲倦或心煩意亂時，不要觀看 3D 畫面。 應避免長時間觀看 3D 畫面。

附錄

規格

一般	重量	1.8 kg
	尺寸	430 (寬) X 205 (深) X 43 (高) 毫米
	工作溫度範圍	+5℃ 至 35℃
	工作濕度範圍	10 % 至 75 %
光碟	BD (Blu-ray 光碟)	讀取速度： 4.917m/sec
	DVD（多用途數碼光碟）	讀取速度： 3.49 ~ 4.06 m/sec.
		預計播放時間（單面、單層光碟）： 135 分鐘
	12 釐米 (光碟)	讀取速度： 4.8 ~ 5.6 m/sec.
		最長播放時間： 74 分鐘
	8 釐米 (光碟)	讀取速度： 4.8 ~ 5.6 m/sec.
		最長播放時間： 20 分鐘
視頻輸出	複合視訊	1 聲道： 1.0 Vp-p (75Ω 負荷)
		Blu-ray/DVD 光碟： 576i/480i
	色差視訊	Y ：1.0 Vp-p (75Ω 負荷) P_R : 0.70 Vp-p (75Ω 負荷) P_B : 0.70 Vp-p (75Ω 負荷) Blu-ray 光碟： 1080i, 720p, 576p/480p, 576i/480i DVD : 576p/480p, 576i/480i
視訊/音頻	HDMI	2D : 1080p, 1080i, 720p, 576p/480p 3D : 1080p, 720p
		PCM 多聲道音頻，位元流音頻
音頻輸出	2 聲道	L(1/L), R(2/R)
	7.1 聲道	F/L, F/R, R/L, R/R, C/T, S/W, SBR, SBL
	數碼音頻輸出	光纖
	*頻率響應	48 kHz 採樣 : 4 Hz 至 22 kHz
		96 kHz 採樣 : 4 Hz 至 44 kHz
	*訊噪比	110 dB
	*動態範圍	100 dB
	*總諧波失真	0.003%

*: 額定規格

- 設計和規格可能會隨時更改，恕不提前通知。
- 如需電源和功耗資訊，請參閱貼在產品上的標籤。
- 重量和尺寸均為近似值。

符合性和相容性聲明

並非所有光碟都相容

- 根據下面所述的限制及本手冊中(包括本手冊中的「光碟類型和特性」一節) 說明的限制，可以播放的光碟類型有： 預先錄製的商業 BD-ROM、DVD-VIDEO 和音頻 CD (CD-DA) 光碟；BD-RE/-R、DVD-RW/-R 光碟；以及 CD-RW/-R 光碟。
- 上述光碟以外的光碟及/或不設計爲使用本產品播放。 並且由於下面提供的一個或多個原因，上述的一些光碟也可能無法播放。
- Samsung 不能保證本產品可以播放帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的每張光碟，並且本產品可能不能回應所有操作指令或操作每張光碟的所有功能。下面列出造成這些問題和其他光碟相容性以及產品操作新格式或現有格式的光碟問題的可能原因：
  - Blu-ray 是新的且不斷發展的格式，且本產品可能無法操作 Blu-ray 光碟的所有功能，因爲一些功能可能是在生產本產品後新增到 Blu-ray 光碟格式的選用附加功能，並且某些可用的功能可能會延後提供。
  - 本產品並不支援所有新的和現有的光碟格式版本。
  - 可能會對新的和現有的光碟格式進行修正、變更、更新、改良及/或補充。
  - 一些光碟的生產方式使得在播放期間只允許特定或有限的操作和功能；
  - 一些功能可能是在生產本產品後新增的選用附加功能，並且某些可用的功能可能會延後提供
  - 帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的一些光碟可能仍然是非標準化光碟。
  - 一些光碟可能無法播放，具體視其實體狀態或錄製條件而定。
  - 在製作 Blu-ray 光碟、DVD 軟件及/或生產光碟時可能會出現問題和發生錯誤。
  - 本產品的操作方式與其他標準 DVD 產品或其他 AV 裝置不同。
  - 出於本使用手冊說明的原因和 SAMSUNG 客戶服務中心發現和公佈的其他原因。
- 如果您遇到光碟相容性或產品操作問題，請與 SAMSUNG 客戶中心聯絡。
  也可以與 SAMSUNG 客戶中心聯絡以取得本產品的可能更新。
- 有關播放限制以及光碟相容性的其他資訊，請參閱本使用手冊的「預防措施」、「在閱讀使用手冊之前」和「光碟類型和特性」等章節。

複製保護

- 因爲已核准將 AACS（進階儲存內容系統）用作 Blu-ray 光碟格式的內容保護系統（類似於對 DVD 格式使用 CSS（內容加擾系統）），對受 AACS 保護的內容存在播放、類比信號輸出等特定限制。本產品的操作和對本產品的限制可能會因購買時間而異，因爲在生產本產品之後，AACS 可能會採用及/或變更這些限制。 此外，BD-ROM 標記和 BD+ 另用作 Blu-ray 光碟格式的內容保護系統，它施加特定限制，包括對 BD-ROM 標記及/或 BD+ 受保護內容的播放限制。 若要取得 AACS、BD-ROM 標記、BD+ 或本產品的相關詳細資訊，請與 SAMSUNG 客戶中心聯絡。

附錄

- 許多 Blu-ray/DVD 光碟都進行了編碼以達到複製保護的目的。 因此，僅直接將您的播放機與您的電視相連接，而不要連接到 VCR。 與 VCR 連接將導致受版權保護之 Blu-ray 光碟/DVD 光碟的 畫面失真。
- 本產品含有受美國專利權和其他智慧財產權保護的著作權保護技術。 使用此版權保護技術必須獲得 Rovi Corporation 公司的授權，同時，除非 Rovi Corporation 公司另有授權，該技術的使用僅適用於家庭和其他限制級觀賞。 禁止還原工程或反向組譯。
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- **對於 Blu-ray 光碟播放機前進式掃描輸出：** 消費者應注意到，並不是所有的高清晰度電視機都與此產品完全相容，與此產品的連接可能造成畫面失真。 如果出現前進式掃描畫面的問題，建議使用者將連接轉換到「標準清晰度」輸出。 如果我們的電視機與本產品出現相容問題，請與 SAMSUNG 客戶服務中心聯絡。

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- 向 DivX 認證以播放高達 HD 1080p 的 DivX 視訊，包括優質內容。
- 此產品裝置及隨附的使用手冊中的相關知識產權得到了相關第三方的許可。 本產品受下列一個或多個美國專利權保護： 5,060,220 5,457,669 5,561,649 5,705,762 6,043,912 6,438,099 6,467,061 6,556,521 6,578,163 6,697,307 6,728,474 6,771,891 6,894,963 6,895,593 6,937,815 6,996,327 7,009,926 7,085,221 7,088,649 7,092,327 7,099,566 7,123,564 7,142,493 7,142,495 7,145,861 7,146,624 7,151,729 7,161,879 7,164,647 7,167,437 7,173,891 7,177,250 7,194,187 7,203,891 7,209,423 7,210,067 7,228,062 7,245,566 7,245,567 7,257,065 7,263,045 7,269,110 7,272,086 7,272,106 7,280,460 7,283,729 7,286,454 7,304,938
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  該許可僅適用於使用此產品裝置對符合 ISO/IEC 11172-3 或 ISO/IEC 13818-3 的音頻檔案進行編碼和/或解碼處理。該許可未授權給特性/功能不符合 ISO/IEC 11172-3 或 ISO/IEC 13818-3 的產品。

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Mexico	01-800-SAMSUNG (726-7864)	www.samsung.com
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
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Costa Rica	0-800-507-7267	www.samsung.com
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Panama	800-7267	www.samsung.com
Puerto Rico	1-800-682-3180	www.samsung.com
Rep. Dominica	1-800-751-2676	www.samsung.com
Trinidad & Tobago	1-800-SAMSUNG (726-7864)	www.samsung.com
Venezuela	0-800-100-5303	www.samsung.com
Colombia	01-8000112112	www.samsung.com
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Austria	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
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Czech	800 - SAMSUNG (800-726786)	www.samsung.com
Denmark	70 70 19 70	www.samsung.com
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France	01 48 63 00 00	www.samsung.com
Germany	01805 - SAMSUNG (726-7864 € 0,14/Min)	www.samsung.com
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